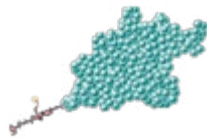


Biotin Labeled Proteins

Our biotin-labeled proteins demonstrate superb bioactivity and high detection sensitivity. These features make them uniquely suitable for ELISA, Surface Plasmon resonance, FACS analysis, dot blot, western blot, and other relevant assays. Mabsol® biotinylated protein collection includes two unique and complimentary product series, the PrecisionAvi series built upon the Avitag™ technology and the UltraLys series produced using the in-house developed chemical labeling method.

PrecisionAvi Series

Ready-to-use Avitag™ biotinylated proteins.

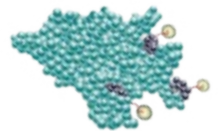


The single lysine residue in the Avi 15 amino acid peptide tag is enzymatically biotinylated by the *E. Coli* biotin ligase BirA. The biotinylation happens on the lysine residue of Avi tag, and does NOT interfere with the target protein's natural binding activities. Also, when immobilized on an avidin-coated surface, the protein orientation is uniform.

-
- Derived from Human Cells (HEK293)
 - Authentic post translational modification and protein conformation
 - Superb bioactivity
 - Higher detection sensitivity
 - Custom protein generation service available

UltraLys Series

Chemically labeled biotinylated proteins with ultra sensitivity.



Produced using our in-house developed chemical labeling approach. The primary amines in the side chains of lysine residues and the N-terminus of protein are conjugated with biotins. Chemical labeling usually results in multiple biotin attachment on a single protein molecule, potentially leading to higher detection sensitivity.


OVER 100

PRODUCTS ONLINE

TNF-a VEGF165 VEGF121 HER2 HER3
CD3E PCSK9 EpCAM PD-L1



High Quality Authentic Human Proteins

Produced using our proprietary HEKMax[®] expression platform. Our human HEK293 cell proteins retain their authentic post-translational processing, which often translates into high bioactivity and stability.

High Bioactivity

We test multiple options of tags and biotinylation methods, and evaluate the products in a variety of binding assays. Only those with the best performance are selected for production.

Low Batch-to-Batch Variation

We routinely apply rigorous quality control measures to ensure consistent performance of our products.

Superb Detection Sensitivities

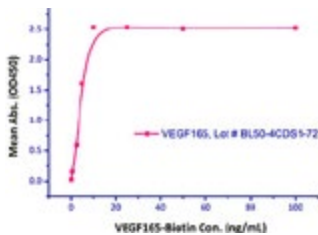


Fig.1 The ELISA assay result of the biotinylated VEGF165 (Cat #AMS.VE5-H8210) which bind to immobilized rhVEGFR2.

As you can see when our biotinylated proteins are used in a functional ELISA, VEGF165 (Cat #AMS.VE5-H8210) can bind to immobilized rhVEGFR2 with a EC50 of 0.5-5 ng/mL.

Biotinylated PrecisionAvi Series (Avitag™)		
AMS.PD1-H82F3-200ug	Human PD-L1/B7-H1, His Tag & Fc Tag	200ug
AMS.PD2-H82F6-200ug	Human PD-L2/B7-DC, Fc Tag	200ug
AMS.PD1-M82F4-200ug	Mouse PD-1/PDCD1, Fc Tag	200ug
AMS.PC9-H82E7-200ug	Human PCSK9	200ug
AMS.EGR-H82E7-200ug	Human EGF R	200ug
AMS.CD0-H82F2-200ug	Human CD40/TNFRSF5, His Tag & Fc Tag	200ug
AMS.CT4-H82E4-200ug	Human CTLA-4	200ug
AMS.CD4-M52E8-200ug	Mouse Fc gamma RI/CD64	200ug
AMS.CDA-H82E6-200ug	Human Fc gamma RIIA/CD32a (H131)	200ug
AMS.CDA-H82E9-200ug	Human Fc gamma RIIIA/CD16a (V158)	200ug
AMS.CDB-H82E0-200ug	Human Fc gamma RIIIB/CD32b	200ug
AMS.CDB-H82E1-200ug	Human Fc gamma RIIIB/CD16b	200ug
AMS.FCM-H82W4-200ug	Human FcRn/FCGRT & B2M	200ug
AMS.FCM-R82W7-200ug	Rat FcRn/FCGRT & B2M	200ug
AMS.HV4-H82F1-200ug	Human HVEM/TNFRSF14, Fc Tag	200ug
AMS.IG1-H82E2-500ug	Human IgG1 Fc	500ug
AMS.IGA-M8210-500ug	Mouse IgG2a Fc	500ug
AMS.OX0-H82F7-200ug	Human OX40, Fc Tag	200ug
AMS.TNA-H82E3-200ug	Human TNF-alpha (HPLC-verified)	200ug
AMS.TNA-M82E9-200ug	Mouse TNF-alpha	200ug

Biotinylated Ultralys Series (Ultra Sensitivity)		
AMS.CD9-H8259-200ug	Human CD19, Fc Tag	200ug
AMS.VE5-H8210-200ug	Human VEGF165, epitope tag free	200ug
AMS.TNA-H821R-200ug	Human TNF-alpha, epitope tag free	200ug
AMS.HE2-H822R-200ug	Human HER2/ERBB2	200ug
AMS.MSN-H8223-200ug	Human Mesothelin/MSLN (296-580)	200ug
AMS.BFF-H8117-500ug	Human FGF basic, epitope tag free	500ug
AMS.41B-H8258-200ug	Human 4-1BB/TNFRSF9, Fc Tag	200ug
AMS.TFR-H8243-200ug	Human Transferrin R/CD71	200ug
AMS.TFI-H8226-200ug	Human TFP1	200ug
AMS.SOT-H8245-200ug	Human SOST/Sclerostin	200ug
AMS.SCF-M8228-200ug	Mouse SCF/KITLG	200ug
AMS.ILA-H8213-200ug	Human IL-1 alpha/IL-1F1, epitope tag free	200ug
AMS.IL6-H8218-200ug	Human IL-6, epitope tag free	200ug
AMS.GP3-H8224-200ug	Human GPA33	200ug
AMS.GMF-H8214-200ug	Human GM-CSF, epitope tag free	200ug
AMS.CDE-H8223-200ug	Human CD3 epsilon	200ug

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