

Active Recombinant Human ULBP1 protein, His-Avi-tagged, Biotinylated

Cat. No. ULBP1-096HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ULBP1 protein(NP_079494.1)(Met1-Gly216), fused with His-Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly216
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human NKG2D His at 2 µg/ml (100 µl/well) can bind Human ULBP1 His & AVI, Biotinylated, the EC50 of Human ULBP1 His & AVI, Biotinylated is 20-80 ng/mL.
Molecular Mass	The recombinant human ULBP1 consists of 217 amino acids and predicts a molecular mass of 25.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	ULBP1 UL16 binding protein 1 [Homo sapiens]
Official Symbol	ULBP1
Synonyms	ULBP1; UL16 binding protein 1; NKG2D ligand 1; RAET1I; N2DL-1; NKG2DL1; alcan-beta; UL16-binding protein 1; retinoic acid early transcript 1I;
Gene ID	80329
mRNA Refseq	NM_025218
Protein Refseq	NP_079494
MIM	605697
UniProt ID	Q9BZM6