

Active Recombinant Human ULBP1 protein, His-tagged

Cat. No. ULBP1-2352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ULBP1 protein(NP_079494.1) (Met 1-Gly 216) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-216 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized human ULBP1-His at 10 µg/ml (100 µl/well) can bind human S4-Fc3L3-NKG2D, The EC50 of human S4-Fc3L3-NKG2D is 0.39-0.91 µg/ml.
Molecular Mass	The mature form of recombinant human ULBP1 comprises 202 amino acids and predicts a molecular mass of 23.8 kDa. The apparent molecular mass of rhULBP1 is approximately 28-32 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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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.

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](#)

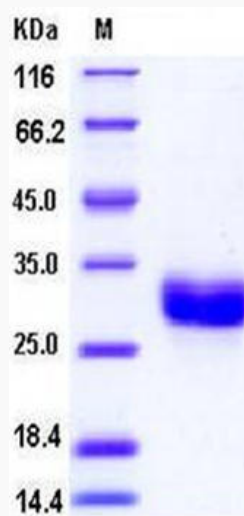
UniProt ID [Q9BZM6](#)

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SDS-PAGE



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