

Recombinant Human ULBP2 Protein, Fc-tagged

Cat. No. ULBP2-449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ULBP2 (Q9BZM5) (Met 1-Ser 217), without the pro peptide, was fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
Protein Length	1-217 a.a.
Predicted N Terminal	Gly 26
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human ULBP2/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 433 amino acids and has a predicted molecular mass of 48.7 kDa. As a result of glycosylation, the apparent molecular mass of rhULBP2/Fc monomer is approximately 58 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ULBP2 UL16 binding protein 2 \[Homo sapiens \]](#)

Official Symbol [ULBP2](#)

Synonyms ULBP2; UL16 binding protein 2; NKG2D ligand 2; RAET1H; N2DL-2; NKG2DL2; ALCAN-alpha; UL16-binding protein 2; retinoic acid early transcript 1H; retinoic acid early transcript 1 H; N2DL2;

Gene ID [80328](#)

mRNA Refseq [NM_025217](#)

Protein Refseq [NP_079493](#)

MIM [605698](#)

UniProt ID [Q9BZM5](#)

Chromosome Location 6q25

Pathway

Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem; Natural killer cell mediated cytotoxicity,

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organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

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