

Recombinant Human ULBP3 Protein, hlgG/His-tagged

Cat. No. ULBP3-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ULBP-3 (30-217 aa), fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	430
Description	The protein encoded by this gene is one of several related ligands of the KLRK1/NKG2D receptor, which is found in primary NK cells. Binding of these ligands to the receptor activates several signal transduction pathways, including the JAK2, STAT5, and ERK pathways. The encoded protein is expressed solubly and on the surface of many tumor cells, making it potentially an important target for therapeutics.
Form	Liquid
Molecular Mass	49.3 kDa
AA Sequence	DAHSLWYNFTIIHLPRHGQQWCEVQSQVDQKNFLSYDCGSDKVLSMGHLEEQLYA TDAWGKQLEMLREVGQRLRLELADTELEDFTPSGPLTLQVRMSCECEADGYIRGS WQFSFDGRKFLFDSDNNRKWTVVHAGARRMKEKWEKDSGLTTFFKMVSMRDCKS WLRDFLMHRKKRLEPTAPPTMAPG

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Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

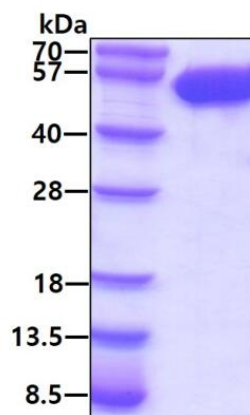
GENE INFORMATION

Gene Name	ULBP3 UL16 binding protein 3 [Homo sapiens (human)]
Official Symbol	ULBP3
Synonyms	ULBP3; UL16 binding protein 3; N2DL-3; RAET1N; NKG2DL3; UL16-binding protein 3; ALCAN-gamma; NKG2D ligand 3; retinoic acid early transcript 1N
Gene ID	79465
mRNA Refseq	NM_024518
Protein Refseq	NP_078794
MIM	605699
UniProt ID	Q9BZM4

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SDS-PAGE

3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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