

## Recombinant Human ULBP2 protein, His-Avi-tagged, Biotinylated

**Cat. No.** ULBP2-095HB    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human ULBP2 Protein is expressed from mammalian with His and Avi Tag at the C-terminal. It contains Gly26-Ser217.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	It contains Gly26-Ser217.
<b>Description</b>	ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway, mediating natural killer cell cytotoxicity.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 24.6KDa. Due to glycosylation, the protein migrates to 30-40KDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.05EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Storage</b>	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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<b>Reconstitution</b>	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.
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<b>Conjugation</b>	Biotin
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## GENE INFORMATION

<b>Gene Name</b>	ULBP2 UL16 binding protein 2 [ Homo sapiens ]
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<b>Official Symbol</b>	ULBP2
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<b>Synonyms</b>	ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L; UL16 binding protein 2; ULBP2; ULBP-2/5/6
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<b>Gene ID</b>	80328
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<b>mRNA Refseq</b>	NM_025217
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<b>Protein Refseq</b>	NP_079493
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<b>MIM</b>	605698
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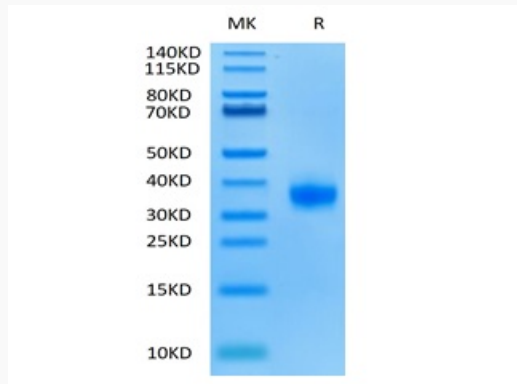
<b>UniProt ID</b>	Q9BZM5
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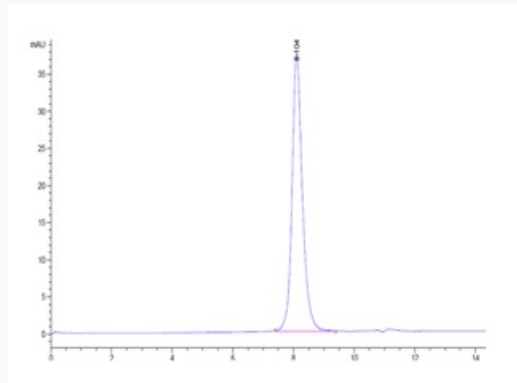
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**Tris-Bis PAGE**



**HPLC data**



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