

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ULBP2 Protein is expressed from mammalian with His and Avi Tag at the C-terminal. It contains Gly26-Ser217.
Species	Human
Source	HEK293
ProteinLength	It contains Gly26-Ser217.
Description	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.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 24.6KDa. Due to glycosylation, the protein migrates to 30-40KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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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.
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Conjugation	Biotin
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GENE INFORMATION

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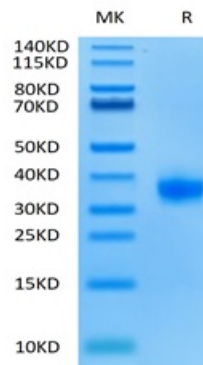
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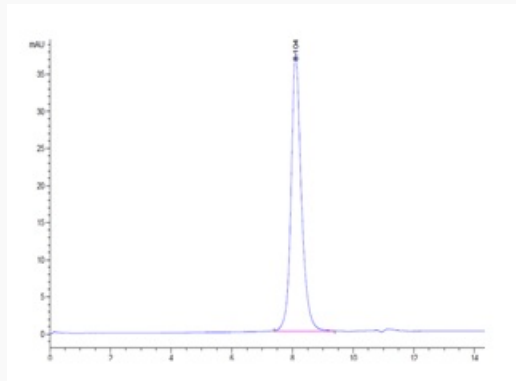
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Tris-Bis PAGE



HPLC data



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