

Recombinant Human ULBP1 Protein (26-215), C-Fc/Avi-tagged

Cat. No. ULBP1-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKG2D ligand 1 is produced by our Mammalian expression system and the target gene encoding Gly26-Pro215 is expressed with a Fc tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Gly26-Pro215
Description	The protein encoded by this gene is a ligand of natural killer group 2, member D (NKG2D), an immune system-activating receptor on NK cells and T-cells. Binding of the encoded ligand to NKG2D leads to activation of several signal transduction pathways, including those of JAK2, STAT5, ERK and PI3K kinase/Akt. Also, in cytomegalovirus-infected cells, this ligand binds the UL16 glycoprotein and is prevented from activating the immune system. Three transcript variants encoding different isoforms have been found for this gene.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg)
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
Shipping	Ambient

GENE INFORMATION

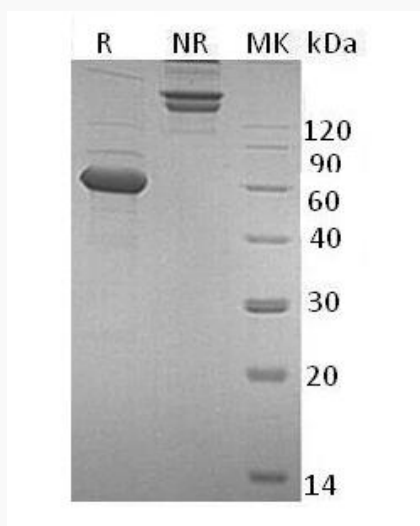
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Gene Name	ULBP1 UL16 binding protein 1 [Homo sapiens (human)]
Official Symbol	ULBP1
Synonyms	ULBP1; UL16 binding protein 1; N2DL-1; RAET1I; NKG2DL1; UL16-binding protein 1; NKG2D ligand 1; alcan-beta; retinoic acid early transcript 1I
Gene ID	80329
mRNA Refseq	NM_025218
Protein Refseq	NP_079494
MIM	605697
UniProt ID	Q9BZM6

WB



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