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Datasheet for ABIN4371623

ULBP1 Protein (AA 26-215) (His tag)

Overview

Quantity:	50 µg
Target:	ULBP1
Protein Characteristics:	AA 26-215
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ULBP1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NKG2D Ligand 1/NKG2DL/ULBP1 (C-6His)
Sequence:	GWVDTHCLCY DFIITPKSRP EPQWCEVQGL VDERPFLHYD CVNHKAKAFA SLGKKVNVTK TWEEQTETLR DVVDFLKGQL LDIQVENLIP IEPLTLQARM SCEHEAHGHG RGSWQFLFNG QKFLLFDSNN RKWTALHPGA KKMTEKWEKN RDVTMFFQKI SLGDCKMWLE EFLMYWEQML DPTKPPSLAP VDHHHHHH
Characteristics:	Recombinant Human NKG2D ligand 1/ULBP1 is produced with a mammalian expression system in human cells. The target protein is expressed with sequence (Gly26-Pro215) of Human ULBP1 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	ULBP1
Alternative Name:	NKG2D Ligand 1/ULBP1 (ULBP1 Products)
Molecular Weight:	23.3 kDa
UniProt:	Q9BZM6
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>