

Recombinant Human ULBP2 Protein, DYKDDDDK-tagged

Cat. No. ULBP2-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UL16 binding protein 2(ULBP2)(NM_025217) protein, with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a major histocompatibility complex (MHC) class I-related molecule that binds to the NKG2D receptor on natural killer (NK) cells to trigger release of multiple cytokines and chemokines that in turn contribute to the recruitment and activation of NK cells. The encoded protein undergoes further processing to generate the mature protein that is either anchored to membrane via a glycosylphosphatidylinositol moiety, or secreted. Many malignant cells secrete the encoded protein to evade immunosurveillance by NK cells. This gene is located in a cluster of multiple MHC class I-related genes on chromosome 6.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.5, without any preservatives.
Molecular Mass	51.4kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name [ULBP2 UL16 binding protein 2 \[Homo sapiens \]](#)

Official Symbol [ULBP2](#)

Synonyms

ULBP2; UL16 binding protein 2; NKG2D ligand 2; RAET1H; N2DL-2; NKG2DL2; ALCAN-alpha; UL16-binding protein 2; retinoic acid early transcript 1H; retinoic acid early transcript 1 H; N2DL2;

Gene ID [80328](#)

mRNA Refseq [NM_025217](#)

Protein Refseq [NP_079493](#)

MIM [605698](#)

UniProt ID [Q9BZM5](#)

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