

Product datasheet for **AR50416PU-S**

ULBP2 / NKG2D ligand 2 (26-216, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ULBP2 / NKG2D ligand 2 (26-216, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGS HMGRADP HSLCYDITVI PKFRPGPRWC AVQGQVDEKT FLHYDCGNKT VTPVSPLGKK LNVTTAWKAQ NPVLREVDI LTEQLRDIQL ENYTPKEPLT LQARMSCEQK AEGHSSGSWQ FSDGQIFLL FDSEKRMWTT VHPGARKMKE KWENDKVVAM SFHYFSMGDC IGWLEDFLMG MDSTLEPSAG APLAMS
Tag:	His-tag
Predicted MW:	24.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 2M urea, 0.2M NaCl, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ULBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_079493
Locus ID:	80328
UniProt ID:	Q9BZM5
Cytogenetics:	6q25.1
Synonyms:	ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L



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Summary:

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. [provided by RefSeq, Jul 2015]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways:

Natural killer cell mediated cytotoxicity

Product images: