

# Product datasheet for AR50416PU-N

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

#### **Product data:**

| Description:   ULBP2 / NKG2D ligand 2 (26-216, His-tag) human recombinant protein, 0.5 mg  |
|--|
|  |
| Species: Human   |
| Expression Host: E. coli   |
| Expression cDNA CloneMGSSHHHHHH SSGLVPRGSH MGSHMGRADP HSLCYDITVI PKFRPGPRWC AVQGQVDEKTor AA Sequence:FLHYDCGNKT VTPVSPLGKK LNVTTAWKAQ NPVLREVVDI LTEQLRDIQL ENYTPKEPLTLQARMSCEQK AEGHSSGSWQ FSFDGQIFLL FDSEKRMWTT VHPGARKMKE KWENDKVVAMSFHYFSMGDC IGWLEDFLMG MDSTLEPSAG APLAMS |
| Tag: His-tag   |
| Predicted MW: 24.3 kDa   |
| Concentration: lot specific  |
| Purity: >85% by SDS - PAGE   |
| Buffer:Presentation State: PurifiedState: Liquid purified proteinBuffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 2M urea, 0.2M NaCl, 2mM DTT  |
| Preparation: Liquid purified protein   |
| <b>Protein Description:</b> Recombinant human ULBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli.  |
| 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.   |
| <b>Stability</b> Shelf life: one year from despatch  |
| Stability: Shelf life: one year from despatch.   |
| Stability:Shell life: one year from despatch.RefSeq:NP 079493  |
|  |
| <b>RefSeq:</b> <u>NP 079493</u>  |
| RefSeq:     NP 079493       Locus ID:     80328  |



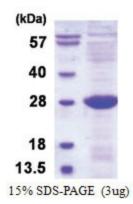
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|                  | ULBP2 / NKG2D ligand 2 (26-216, His-tag) Human Protein – AR50416PU-N  |
|------------------|---|
| Summary:         | This gene encodes a major histocompatibility complex (MHC) class I-related molecule that<br>binds to the NKG2D receptor on natural killer (NK) cells to trigger release of multiple<br>cytokines and chemokines that in turn contribute to the recruitment and activation of NK<br>cells. The encoded protein undergoes further processing to generate the mature protein that<br>is either anchored to membrane via a glycosylphosphatidylinositol moiety, or secreted. Many<br>malignant cells secrete the encoded protein to evade immunosurveillance by NK cells. This<br>gene is located in a cluster of multiple MHC class I-related genes on chromosome 6.<br>[provided by RefSeq, Jul 2015] |
| Protein Families | s: Druggable Genome, Secreted Protein, Transmembrane  |
| Protein Pathwa   | ys: Natural killer cell mediated cytotoxicity   |

## Product images:



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