

**ULBP1, 26-216aa, Human, His-tag, Baculovirus**

**Cat.NO.: TP04425**

3th Edition

**Synonyms:**NKG2D ligand 1, ULBP1, N2DL-1, NKG2DL1, RAET1I

**Description:**ULBP1, also known as NKG2D ligand 1, is a member of a family of cell-surface proteins that function as ligands for human NKG2D. It is unconventional MHC class I-like molecules exploited by viruses and cancer. Its ligand Methylation contributes to immune system evasion in acute myeloid leukemia. It is independent predictors of good prognosis in cervical cancer. Recombinant human ULBP1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**23.4kDa (200aa), 28-40kDa (SDS-PAGE under reducing conditions)

**Sequences:**

ADLGWVDTHCLCYDFIITPKSRPEPQWCEVQGLVDERPFLHYDCVNHKAKAFASLGKKVNVTKTWEEQTETLRDV  
VDFLKGQLLDIQVENLIPIEPLTLQARMSCEHEAHGHGRGSWQFLFNGQKFLFDSSNNRKWTALHPGAKKMTEKW  
EKNRDVTMFFQKISLGDCKMWLEEFMYWEQMLDPTKPPSLAPGHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.