

ULBP2, 26-216aa, Human, His-tag, Baculovirus

Cat.NO.: TP04427

3th Edition

Synonyms:NKG2D ligand 2, ULBP2, ALCAN-alpha, N2DL2, NKG2DL2, RAET1H

Description:ULBP2, also known as NKG2D ligand 2, is a member of a family of cell-surface proteins that function as ligands for human NKG2D. It could activate NKT cells and might indicate a mechanism by which clarithromycin improves the clearance of *P. aeruginosa* in chronic respiratory diseases. It is a useful serum biomarker for pancreatic cancer detection. Recombinant human ULBP2, 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:22.7kDa (200aa), 28-40kDa (SDS-PAGE under reducing conditions)

Sequences:

ADPGRADPHSLCYDITVIPKFRPGPRWCAVQGQVDEKTFLLHYDCGNKTVTPVSPLGKKLNVTTAWKAQNPVLREV
VDILTEQLRDIQLENYTPKEPLTLQARMSCEQKAEGHSSGSWQFSFDGQIFLLFDSEKRMWTTVHPGARKMKEKW
ENDKVVAMSFHYFSMGDCIGWLEDFLMGMDSTLEPSAGAPLAMSHHHHHH

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.