

UBTD2, 1-234aa, Human, His tag, E.coli

Cat.NO.: TP04406

3th Edition

Synonyms:ubiquitin domain containing 2, DCUBP, SB72

Description:UBTD2, also known as DCUBP (dendritic cell-derived ubiquitin-like protein), is a ubiquitin (Ub) domain-containing protein first identified from dendritic cells, and is implicated in ubiquitination pathway. Ubiquitin is the most well understood post-translation modifier, there is a growing family of ubiquitin-like proteins (UBLs) that modify cellular targets in a pathway. UbL proteins are involved in a variety of cellular processes, including DNA repair, protein sorting, apoptosis, protein degradation, cell division and autophagy. Recombinant human UBTD2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:28.6 kDa (257aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGGCVGAQHDSGSLNENSEGTGVALGRNQPLKKEKPKWKSDYPMTDGG
LRSKRDEFWDTAPAFEGRKEIWDALKAAAHAFESNDHELAQAIIIDGANITLPHGALTECYDELGNRYQLPVYCLAPP
INMIEEKSDIETLDIPEPPNSGYECQLRLRLSTGKDLKLVVRSTDTVFHMKRRLHAAEGVEPGSQRWFFSGRPLTD
KMKFEELKIPKDYVVQVIVSQPVQNPTPVEN

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.