

UBD, 1-165aa, Human, His tag, E.coli

Cat.NO.: TP04374

3th Edition

Synonyms:Ubiquitin D, Diubiquitin, FAT10, GABBR1, UBD-3

Description:UBD, also known as Ubiquitin D, is an ubiquitin-like modifier (UBL) of the ubiquitin protein family. UBD is an ubiquitin-like protein that can form covalent conjugates, thereby targeting proteins for degradation by the 26S proteasome. UBD has putative roles in regulation of cell cycle, innate immunity, and apoptosis. UBD is a TNF-alpha-inducible ubiquitin-like protein with a putative role in immune response. Recombinant human UBD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

Molecular Weight:20.9 kDa (188aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAPNASCLCVHVRSEEWDLMTFDANPYDSVKKIKEHVRSKTKVPVQDQVLL
LGSKILKPRRSLSSYGIDKEKTIHLTLKVVKPSDEELPLFLVESGDEAKRHLLQVRRSSSVAQVKAMIETKTGIIPETQI
VTCNGKRLEDGKMMADYGIRKGNLLFLACYCIGG

Purity:> 95% by HPLC

Concentration:0.25 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.