

OTUB2, 1-234aa, Human, His tag, E.coli

Cat.NO.: TP03270

3th Edition

Synonyms:Ubiquitin thioesterase OTUB2, OTB2, OTU2

Description:OTUB2 (Ubiquitin thioesterase OTUB2) belongs to the peptidase C65 family. OTUB2 functions as a hydrolase that can remove conjugated ubiquitin from proteins in vitro and may therefore play an important regulatory role at the level of protein turnover by preventing degradation. Recombinant human OTUB2 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 1mM DTT, 10% glycerol, 50mM NaCl

Molecular Weight:29.4kDa (254aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSETSFNLISEKCDILSILRDHPENRIYRRKIEELSKRFTAIRKTKGDGNCFYRALGY
SYLESLLGKSREIFKFKERVLPNDLLAAGFEEHKFRNFFNAFYSSVELVEKDGSVSSLLKVFNDQSASDHIVQFLR
LLTSAFIRNRADFFRHFIDEEMDIKDFCTHEVEPMATECDHIQITALSQALSIALQVEYVDEMMDTALNHHVFPEAATPS
VYLLYKTSHYNILYAADKH

Purity:> 95% by HPLC

Concentration:1 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.