

**Otubain 1, 1-271 aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP03271**

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3th Edition

**Synonyms:**Otubain 1, 1-271 aa, Human, His-tagged, Recombinant, E.coli

**Description:**Otubain 1, also known as OTUB1, is a member of the OUT (ovarian tumor) superfamily of predicted cysteine proteases and inhibits cytokine gene transcription in the immune system via its interaction with a ubiquitin protease and E3 ubiquitin ligase. This protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrate

**Form:**Liquid. In 20 mM Tris buffer (pH 8.0) containing 10% glycerol.

**Molecular Weight:**33.4 kDa (291aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAAEEPQQQKQEPLGSDSEGVNCLAYDEAIMAQQDRIQQEIAVQNPLVSRLEL  
SVLYKEYAEDDNIYQQKIKDLHKKYSYIRKTRPDGNCFYRAFGFSHLEALLDDSKELQRFKAVSAKSKEDLVSQGFT  
EFTIEDFHNTFMDLIEQVEKQTSVADLLASFNDQSTSDYLVVYLRLTSGYLQRESKFFEHFIEGGRTVKEFCQQEV  
EPMCKESDHIHIALAQLSVSIQVEYMDRGEGGTTNPHIFPEGSEPKVYLLYRPGHYDILYK

**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.