

## OTUB1 Protein, Human (His)

Cat. No.:	HY-P75952
Synonyms:	Ubiquitin thioesterase OTUB1; Otubain-1; OTUB1; OTB1; OTU1
Species:	Human
Source:	E. coli
Accession:	Q96FW1-1 (M1-K271)
Gene ID:	55611
Molecular Weight:	Approximately 34-37 kDa

### PROPERTIES

AA Sequence	<pre> M A A E E P Q Q Q K   Q E P L G S D S E G   V N C L A Y D E A I   M A Q Q D R I Q Q E I A V Q N P L V S E   R L E L S V L Y K E   Y A E D D N I Y Q Q   K I K D L H K K Y S Y I R K T R P D G N   C F Y R A F G F S H   L E A L L D D S K E   L Q R F K A V S A K S K E D L V S Q G F   T E F T I E D F H N   T F M D L I E Q V E   K Q T S V A D L L A S F N D Q S T S D Y   L V V Y L R L L T S   G Y L Q R E S K F F   E H F I E G G R T V K E F C Q Q E V E P   M C K E S D H I H I   I A L A Q A L S V S   I Q V E Y M D R G E G G T T N P H I F P   E G S E P K V Y L L   Y R P G H Y D I L Y   K           </pre>
Biological Activity	The specific activity was determined to be 72.755 pmol/min/ml in a DUB assay using recombinant human ubiquitin-based proluciferin substrate.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 20% Glycerol, pH 7.4 or 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	OTUB1 protein forms a direct interaction with RNF128, and together, they constitute a ternary complex involving USP8. The ternary complex is established through the interaction of OTUB1 with the C-terminal UCH catalytic domain of USP8.
------------	---

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA