

OTUB2 Protein, Human (GST)

Cat. No.:	HY-P71182
Synonyms:	Ubiquitin Thioesterase OTUB2; Deubiquitinating Enzyme OTUB2; OTU Comain-Containing Ubiquitin Aldehyde-Binding Protein 2; Otubain-2; Ubiquitin-Specific-Processing Protease OTUB2; OTUB2; C14orf137; OTB2; OTU2
Species:	Human
Source:	E. coli
Accession:	Q96DC9 (M1-H234)
Gene ID:	78990
Molecular Weight:	Approximately 52.0 kDa

PROPERTIES

AA Sequence	<pre> M S E T S F N L I S E K C D I L S I L R D H P E N R I Y R R K I E E L S K R F T A I R K T K G D G N C F Y R A L G Y S Y L E S L L G K S R E I F K F K E R V L Q T P N D L L A A G F E E H K F R N F F N A F Y S V V E L V E K D G S V S S L L K V F N D Q S A S D H I V Q F L R L L T S A F I R N R A D F F R H F I D E E M D I K D F C T H E V E P M A T E C D H I Q I T A L S Q A L S I A L Q V E Y V D E M D T A L N H H V F P E A A T P S V Y L L Y K T S H Y N I L Y A A D K H </pre>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 50 mM HEPES, 150 mM NaCl, 2 mM DTT, pH 7.5 .
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	As a hydrolase, OTUB2 exhibits the capacity to efficiently remove conjugated ubiquitin from proteins in vitro, suggesting a pivotal regulatory role in protein turnover by preventing degradation. With its deubiquitination activity, OTUB2 acts on 'Lys-11', 'Lys-48', and 'Lys-63'-linked polyubiquitin chains, displaying a preference for the latter. This specificity underscores OTUB2's selectivity in modulating diverse ubiquitin linkages, emphasizing its potential significance in orchestrating cellular processes related to protein ubiquitination and degradation.
-------------------	---

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

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