

## OTUD6A Protein, Human

Cat. No.:	HY-P701484
Synonyms:	OTUD6A; OTU domain-containing protein 6A; DUBA-2
Species:	Human
Source:	E. coli
Accession:	Q7L8S5 (M1-L288)
Gene ID:	139562
Molecular Weight:	

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
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	OTUD6A is a deubiquitinating enzyme known for its ability to hydrolyze various types of polyubiquitin chains. Specifically, OTUD6A exhibits deubiquitinating activity towards 'Lys-27', 'Lys-29', 'Lys-33', and 'Lys-11'-linked polyubiquitin chains. This enzymatic function involves the cleavage of ubiquitin molecules from substrate proteins, contributing to the regulation of protein degradation and cellular signaling pathways. As a member of the ovarian tumor domain-containing family of deubiquitinases, OTUD6A plays a role in modulating ubiquitin-dependent processes, providing a fine-tuning mechanism for cellular protein homeostasis and signaling.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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