

Lot # XXXXX

MATERIAL DATA SHEET

OTUD6A, human recombinant

Cat. # E-624

OTU domain-containing protein 6A (OTUD6A), also known as DUBA-2, is a C85 type peptidase and a member of the ovarian tumor (OTU) protein super-family. With a predicted weight of 33 kDa, the human protein shares 63% amino acid sequence identity with its mouse ortholog. OTUD6A is capable of hydrolyzing K11-, K33-, K48-, and K63-linked polyubiquitin chains *in vitro*. This recombinant protein contains a c-terminal 6-His tag.

Product Information

Quantity:	50 µg
Stock:	X mg/ml (X µM) in 50 mM HEPES pH 7.5, 200 mM NaCl, 10% (v/v) Glycerol, 1 mM TCEP
MW:	34 kDa
Source:	<i>Trichoplusia ni</i> , (baculovirus)
Purity:	> 95% by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie Blue stain

Use & Storage

Use:	Recombinant Human OTUD6A is a Ubiquitin deconjugating enzyme. Reaction conditions will need to be optimized for each specific application.
Storage:	Store at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:	Mevissen T.E.T. <i>et al.</i> (2013) <i>Cell</i> 154 : 169
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