

MATERIAL DATA SHEET

Recombinant Human His6 Otubain-2 Isoform 1

Cat. # E-554

Otubain-2 is a C65 type peptidase and a member of the ovarian tumor (OTU) protein super-family found in eukaryotes, viruses and pathogenic bacterium. Otubain-2 associates with the E3 ubiquitin ligases TRAF3 and TRAF6, and has been shown to negatively regulate virus-induced type I IFN induction and the antiviral responses mediated by these ligases. This recombinant protein contains a C-terminal 6-His tag.

Product Information

Quantity:	50 µg
MW:	28 kDa
Source:	<i>E. coli</i> -derived Contains a C-terminal 6-His tag Accession # Q96DC9-1
Stock:	X mg/ml (X µM) in 50 mM HEPES pH 8.0, 150 mM NaCl, 5 mM DTT
Purity:	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.

Use & Storage

Use:	Recombinant Human His6-Otubain-2 Isoform 1 is a Ubiquitin-specific deconjugating enzyme. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-Otubain-2 Isoform 1 concentration of 0.1-2 µM.
Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">• 12 months from date of receipt, -70 °C as supplied.• 3 months, -70 °C under sterile conditions after opening.

Literature

References:

1. Li S., et al. (2010) J.Biol.Chem. **285**: 4291-4297
2. Nanao M.H., *et al.* (2004) EMBO Reports **5**: 783-788

For research use only. Not for use in humans.