

Recombinant Human OTUD5 Protein (G172-G351), His/Flag tagged

Cat. No. OTUD5-0376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-GG-OTUD5(G172-G351)-Flag Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	G172-G351
Description	Deubiquitinating enzyme that functions as negative regulator of the innate immune system. Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production. Has peptidase activity towards 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. Can also cleave 'Lys-11'-linked ubiquitin chains (in vitro). Controls neuroectodermal differentiation through cleaving 'Lys-48'-linked ubiquitin chains to counteract degradation of select chromatin regulators such as ARID1A, HDAC2 and HCF1.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	OTUD5 OTU domain containing 5 [Homo sapiens (human)]
Official Symbol	OTUD5
Synonyms	DUBA
Gene ID	55593
mRNA Refseq	NM_017602
Protein Refseq	NP_060072
MIM	300713
UniProt ID	Q96G74

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