

Recombinant Full Length Human OTULIN Protein, His tagged

Cat. No. OTULIN-3666H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human OTULIN was expressed in E. coli cells using an N-terminal His tag. The OTULIN gene accession number is NM_138348.
Species	Human
Source	E.coli
ProteinLength	1-352 aa
Description	This gene encodes a member of the peptidase C65 family of ubiquitin isopeptidases. Members of this family remove ubiquitin from proteins. The encoded enzyme specifically recognizes and removes M1(Met1)-linked, or linear, ubiquitin chains from protein substrates. Linear ubiquitin chains are known to regulate the NF-kappa B signaling pathway in the context of immunity and inflammation. Mutations in this gene cause a potentially fatal autoinflammatory syndrome in human patients.
Molecular Mass	49 kDa
Purity	> 90%
Stability	One year at –70 centigrade from date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

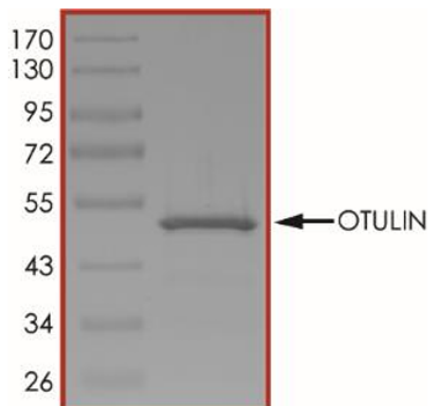
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Storage Buffer	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Concentration	0.2 µg/µL
Shipping	Dry ice
GENE INFORMATION	
Gene Name	OTULIN OTU deubiquitinase with linear linkage specificity [Homo sapiens (human)]
Official Symbol	OTULIN
Synonyms	OTULIN; OTU deubiquitinase with linear linkage specificity; GUM; AIPDS; AIPDSA; IMD107; FAM105B; ubiquitin thioesterase otulin; OTU domain-containing deubiquitinase with linear linkage specificity; deubiquitinating enzyme otulin; family with sequence similarity 105, member B; ubiquitin thioesterase Gumby; EC 3.4.19.12
Gene ID	90268
mRNA Refseq	NM_138348
Protein Refseq	NP_612357
MIM	615712
UniProt ID	Q96BN8

Purity



The purity of OTULIN was determined to be > 90% by densitometry, approx. MW 49 kDa.

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