

Recombinant Full Length Human OTULIN Protein, GST-tagged

Cat. No. OTULIN-4460HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAM105B full-length ORF (AAH07706.3, 1 a.a. - 214 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	214 amino acids
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. [provided by RefSeq, Sep 2016]
Molecular Mass	51.3 kDa
AA Sequence	MSQAVGLPPWLQDPELMLLPEKLISKYNWIKQWKLGLKFDGKNEDLVDKIKESLTLL RKKWAGLAEMRTAEARQIACDELFTNEAEEYSLYEAVKFLMLNRAIELYNDKEKGKE VPFFSVLLFARDTSNDPGQLLRNHLNQVGHTGGLEQVEMFLLAYAVRHTIQVYRLSK YNTEEFITVYPTDPPKDWPVVTLIAEDDRHYNIPVRVCEETSL
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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; OTU Deubiquitinase With Linear Linkage Specificity; OTU Domain-Containing Deubiquitinase With Linear Linkage Specificity; Family With Sequence Similarity 105, Member B; Deubiquitinating Enzyme Otulin; Ubiquitin Thioesterase Gumby; FAM105B; Ubiquitin Thioesterase Otulin; EC 3.4.19.12; Gumby; AIPDS; GUM; ubiquitin thioesterase otulin; OTU domain-containing deubiquitinase with linear linkage specificity; deubiquitinating enzyme otulin; family with sequence similarity 105, member B; ubiquitin thioesterase Gumby
Gene ID	90268
mRNA Refseq	NM_138348
Protein Refseq	NP_612357

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MIM	615712
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UniProt ID	Q96BN8
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