

# Recombinant Full Length Human OTULIN Protein, GST-tagged

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

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human FAM105B full-length ORF ( AAH07706.3, 1 a.a. - 214 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | In Vitro Cell Free System   |
| <b>ProteinLength</b>    | 214 amino acids   |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 51.3 kDa  |
| <b>AA Sequence</b>      | MSQAVGLPPWLQDPELMLLPEKLISKYNWIKQWKLGLKFDGKNEDLVDKIKESLTLRKKWAGLAEMRTAEARQIACDELFTNEAEEYSLYEAVKFLMLNRAIELYNDKEKGKEVPFFSVLLFARDTSNDPGQLLRNHLNQGHTGGLEQVEMFLLAYAVRHITQVYRLSKYNTEEFITVYPTDPPKDWPVVTLIAEDDRHYNIPVVRVCEETSL   |
| <b>Applications</b>     | 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

**UniProt ID** Q96BN8

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