

Recombinant Full Length Human FBXO32 Protein, GST-tagged

Cat. No. FBXO32-4670HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXO32 full-length ORF (AAH24030.1, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	210 amino acids
Description	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and contains an F-box domain. This protein is highly expressed during muscle atrophy, whereas mice deficient in this gene were found to be resistant to atrophy. This protein is thus a potential drug target for the treatment of muscle atrophy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]
Molecular Mass	48.84 kDa
AA Sequence	MNILEKVVVLKVLEDQQNIRLIRELLQTLYTSLCTLVQRVGKSVLVGNINMWVYRMETIL

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HWQQQLNNIQITRPAFKGLTFTDLPLCLQLNIMQRLSDGRDLVSLGQAAPDLHVLSE
 DRLLWKKLCQYHFSEKQIRKRLILSGKGQLDWKKMYFKLVRCYPRKEQYGDTLQLR
 KHCHILSWKGTDPCTANNPESCSVSLSPQDFINLFKF

Applications

Enzyme-linked Immunoabsorbent Assay
 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

FBXO32 F-box protein 32 [Homo sapiens]

Official Symbol

FBXO32

Synonyms

FBXO32; F-box protein 32; F box only protein 32; F-box only protein 32; ATROGIN1;
 Fbx32; MAFbx; atrogin 1; atrogin-1; muscle atrophy F-box protein; FLJ32424;
 MGC33610;

Gene ID

114907

mRNA Refseq

NM_001242463

Protein Refseq

NP_001229392

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MIM	606604
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UniProt ID	Q969P5
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