

Recombinant Human FBXO32 Protein, GST-tagged

Cat. No. FBXO32-3936H **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	Wheat Germ
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	MNILEKVVLKVLEDQQNIRLIRELLQTLYTSLCTLVQRVGKSVLVGNINMWVYRMETIL HWQQQLNNIQITRPAFKGLTFTDLPLCLQLNIMQRLSDGRDLVSLGQAAPDLHVLSE

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	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
MIM	606604

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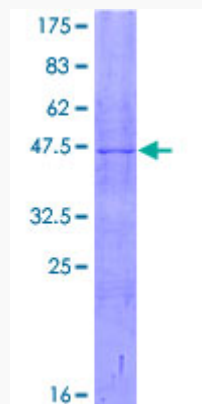
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UniProt ID

Q969P5

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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