

Recombinant Full Length Human FBXO32 Protein

Cat. No. FBXO32-165HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Fbx32 with a proprietary tag; Predicted MWt 49.21 kDa.
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.
Form	Liquid
Molecular Mass	49.210kDa inclusive of tags

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AA Sequence	MNILEKVVLKVLEDQQNIRLIRELLQTLYTSLCTLVQRVGKSVLVGNINMWVYRMETIL HWQQQLNNIQITRPAFKGLTFTDLPLCLQLNIMQRLSDGRDLVSLGQAAPDLHVLSE DRLLWKKLCQYHFSEQRIRKRLILSGKGQLDWKKMYFKLVRCYPRKEQYGDTLQLR KHCHILSWKGTDPCTANNPESCSVSLSPQDFINLFKF
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
Gene ID	114907
mRNA Refseq	NM_148177
Protein Refseq	NP_680482
MIM	606604
UniProt ID	Q969P5

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