Recombinant Mouse F-box only protein 32 (Fbxo32)

Product Code	CSB-YP887410MO
Abbreviation	Fbxo32
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9CPU7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MPFLGQDWRS PGQSWVKTAD GWKRFLDEKS GSFVSDLSSY CNKEVYSKEN LFSSLNYDVA AKKRKKDIQN SKTKTQYFHQ EKWIYVHKGS TKERHGYCTL GEAFNRLDFS TAILDSRRFN YVVRLLELIA KSQLTSLSGI AQKNFMNILE KVVLKVLEDQ QNIRLIRELL QTLYTSLCTL VQRVGKSVLV GNINMWVYRM ETILHWQQQL NSIQISRPAF KGLTITDLPV CLQLNIMQRL SDGRDLVSLG QAAPDLHVLS EDRLLWKRLC QYHFSERQIR KRLILSDKGQ LDWKKMYFKL VRCYPRREQY GVTLQLCKHC HILSWKGTDH PCTANNPESC SVSLSPQDFI NLFKF
Source	Yeast
Target Names	Fbxo32
Protein Names	Recommended name: F-box only protein 32 Alternative name(s): Atrogin-1 Muscle atrophy F-box protein Short name= MAFbx
Expression Region	1-355
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. This protein 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 of this gene results in two transcript variants encoding two isoforms of different sizes.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.