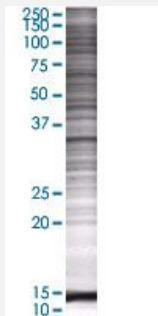


FBXO32 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00114907-T01

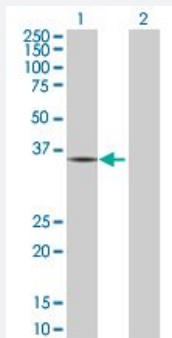
Size 100 uL

Applications



SDS-PAGE Gel

FBXO32 transfected lysate.



Western Blot

Lane 1: FBXO32 transfected lysate (39.16 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FBXO32 full-length
Host	Human
Theoretical MW (kDa)	39.16
Interspecies Antigen Sequence	Mouse (96); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-FBXO32 antibody ([H00114907-B01](#)) by Western Blots.
SDS-PAGE Gel
FBXO32 transfected lysate.
Western Blot
Lane 1: FBXO32 transfected lysate (39.16 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — FBXO32

Entrez GeneID

[114907](#)

GeneBank Accession#

[NM_058229.2](#)

Protein Accession#

[ENSP00000287396](#)

Gene Name

FBXO32

Gene Alias

FLJ32424, Fbx32, MAFbx, MGC33610

Gene Description

F-box protein 32

Omim ID

[606604](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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 of this gene results in two transcript variants encoding two isoforms of different sizes. [provided by RefSeq]

Other Designations

F-box only protein 32|atrogin 1|muscle atrophy F-box protein