

Recombinant human FBXO6 protein

Catalog Number: ATGP2168

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-293aa

UniProt No.

Q9NRD1

NCBI Accession No.

NP_060908

Alternative Names

F-box only protein 6, FBG2, FBS2, FBX6, Fbx6b

PRODUCT SPECIFICATION

Molecular Weight

36.3 kDa (316aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

FBXO6 is 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. FBXO6 belongs to the Fbxs class, and its C-terminal region is highly similar to that of rat NFB42 (neural F Box 42 kDa) which may be

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involved in the control of the cell cycle. Recombinant human FBXO6 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

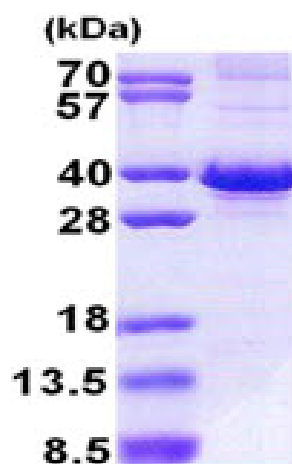
MGSSHHHHHH SSGLVPRGSH MGSMDAPHSK AALDSINELP ENILLELFTH VPARQLLLNC RLVCSLWRDL IDLMTLWKRK
CLREGFITKD WDQPVADWKI FYFLRSLHRN LLRNPCAED MFAWQIDFNG GDRWKVESLP GAHGTDFPDP KVKKYFVTSY
EMCLKSQLVD LVAEGYWEEL LDTFRPDIVV KDWFAARADC GCTYQLKVQL ASADYFVLAS FEPPPVTIQQ WNNATWTEVS
YTFSDYPRGV RYILFQHGG R DTQYWAGWYG PRVTNSSIVV SPKMTRNQAS SEAQPGQKHG QEEAAQSPYR AVVQIF

General References

Ceniarelli C., et al. (1998) Curr Biol. 21
9(20):1177-9.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)