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

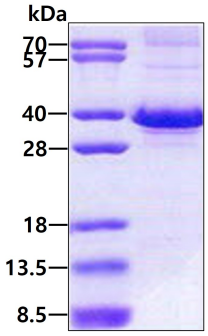
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General References

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.