

Recombinant Human FBXO6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBXO6-544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBXO6 MS Standard C13 and N15-labeled recombinant protein (NP_060908) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 its C-terminal region is highly similar to that of rat NFB42 (neural F Box 42 kDa) which may be involved in the control of the cell cycle.
Molecular Mass	33.9 kDa
AA Sequence	MDAPHSKAALDSINELPENILLELFTHVPARQLLLNCRSLVCSLWRDLIDLMTLWKRKCLREGFITKDWDQPVADWKIFYFLRSLHRNLLRNPCAEDMFAWQIDFNGGDRWKVESLPGAHGTDFPDPKVKKYFVTSYEMCLKSQLVDLVAEGYWEELLDTRPDIIVKDWFAARADCGCTYQLKVQLASADYFVLASFEPPTVTIQQWNNATWTEVSYTFSDYPRG

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VRYLQFHGGRTQYWAGWYGPRVTNSSIVSPKMTRNQASSEAQPGQKHGQEE
AAQSPYRAVVQIFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FBXO6 F-box protein 6 [Homo sapiens (human)]

Official Symbol FBXO6

Synonyms FBXO6; F-box protein 6; F box only protein 6; F-box only protein 6; FBG2; FBS2; FBX6; Fbx6b; F-box protein FBG2; F-box protein Fbx6; F-box/G-domain protein 2; F-box protein that recognizes sugar chains 2;

Gene ID 26270

mRNA Refseq NM_018438

Protein Refseq NP_060908

MIM 605647

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UniProt ID

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