

Recombinant Human FBXO4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBXO4-1791H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBXO4 MS Standard C13 and N15-labeled recombinant protein (NP_036308) 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	44.1 kDa
AA Sequence	MAGSEPRSGTNSPPPPFSDWGRLEAAILSGWKTFWQSVSKERVARTTSREEVDEA ASTLTRLPIDVQLYILSFLSPHDLCQLGSTNHYWNETVRDPILWRYFLLRDLPSWSSV DWKSLPDLEILKKPISEVTDGAFFDYMAVYRMCCPYTRRASKSSRPMYGAVTSFLH SLIIQNEPRFAMFGPGLEELNTSLVLSLMSSEELCPTAGLPQRQIDGIGSGVNFQLNN

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QHKFNILILYSTTRKERDRAREEHTSAVNKMFSRHNEGDDQQGSRYSVIPQIQKVCE
VVDGFIYVANAEAHKRHEWQDEFESHIMAMTDPAFGSSGRPLLVLSCISQGDVKRMP
CFYLAHELHLNLLNHPWLVQDTEAETLTGFLNGIEWILEEVESKRARSGPTRTRPLE
QKLISEEDLAANDILDYKDDDDKV

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 FBXO4 F-box protein 4 [Homo sapiens (human)]

Official Symbol FBXO4

Synonyms FBXO4; F-box protein 4; F box only protein 4; F-box only protein 4; FBX4; F-box protein Fbx4; FLJ10141; DKFZp547N213;

Gene ID 26272

mRNA Refseq NM_012176

Protein Refseq NP_036308

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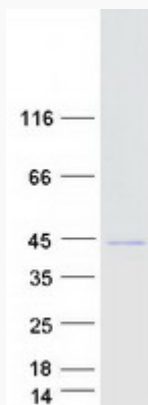
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MIM 609090

UniProt ID Q9UKT5

SDS-PAGE



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