

Recombinant Human FBXO18, His-tagged

Cat. No. FBXO18-12787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXO18 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	693-1043a.a.
Description	This gene encodes a member of the F-box protein family, members of which are characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into three 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 Fbx class. It contains an F-box motif and seven conserved helicase motifs, and has both DNA-dependent ATPase and DNA unwinding activities. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM

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Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	FBXO18 F-box protein, helicase, 18 [Homo sapiens]
Official Symbol	FBXO18
Synonyms	FBXO18; F-box protein, helicase, 18; F box only protein 18; F-box only protein 18; FBH1; Fbx18; FLJ14590; F-box DNA helicase 1; F-box only protein, helicase, 18; MGC131916; MGC141935; MGC141937;
Gene ID	84893
mRNA Refseq	NM_032807
Protein Refseq	NP_116196
MIM	607222
UniProt ID	Q8NFZ0
Chromosome Location	10p15.1
Function	ATP binding; ATP-dependent DNA helicase activity; DNA binding; helicase activity; hydrolase activity; nucleotide binding;

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