

Recombinant Human FBXO3, His-tagged

Cat. No. FBXO3-12794H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXO3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	124-471a.a.
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. Alternative splicing of this gene generates 2 transcript variants diverging at the 3 end.
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 Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	FBXO3 F-box protein 3 [Homo sapiens]
Official Symbol	FBXO3
Synonyms	FBXO3; F-box protein 3; F box only protein 3; F-box only protein 3; FBA; FBX3; F-box protein FBX3; DKFZp564B092;
Gene ID	26273
mRNA Refseq	NM_012175
Protein Refseq	NP_036307
MIM	609089
UniProt ID	Q9UK99
Chromosome Location	11p13
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	ubiquitin-protein ligase activity;

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