

Recombinant Human FBXL5, His-tagged

Cat. No. FBXL5-12780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXL5 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-250a.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 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 Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats. Alternatively spliced transcript variants have been described for this locus.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	FBXL5 F-box and leucine-rich repeat protein 5 [Homo sapiens]
Official Symbol	FBXL5
Synonyms	FBXL5; F-box and leucine-rich repeat protein 5; F-box/LRR-repeat protein 5; FBL4; FBL5; FLR1; F-box protein FBL5; p45SKP2-like protein; F-box protein FBL4/FBL5;
Gene ID	26234
mRNA Refseq	NM_001193534
Protein Refseq	NP_001180463
MIM	605655
UniProt ID	Q9UKA1
Chromosome Location	4p15.33
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem;
Function	iron ion binding; metal ion binding; protein binding; ubiquitin-protein ligase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA