

Recombinant Human FBXL21, His-tagged

Cat. No. FBXL21-12779H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXL21 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-214a.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 6 tandem leucine-rich repeats. The amino acid sequence of this protein is highly similar to that of f-box and leucine-rich repeat protein 3A. Comparisons of this gene to orthologous sequences suggest that it may be a pseudogene, and may no longer express a functional protein.
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 [FBXL21 F-box and leucine-rich repeat protein 21 \(gene/pseudogene\) \[Homo sapiens \]](#)

Official Symbol FBXL21

Synonyms FBXL21; F-box and leucine-rich repeat protein 21 (gene/pseudogene); F box and leucine rich repeat protein 3 pseudogene , F box and leucine rich repeat protein 21 , FBXL3B, FBXL3P; F-box/LRR-repeat protein 21; F box and leucine rich repeat protein 3B; FBL3B; Fbl21; F-box protein Fbl3b; F-box/LRR-repeat protein 3B; F-box and leucine-rich repeat protein 3B; F-box and leucine-rich repeat protein 3 pseudogene; FBXL3B; FBXL3P; MGC120237;

Gene ID [26223](#)

mRNA Refseq [NM_012159](#)

Protein Refseq [NP_036291](#)

MIM [609087](#)

UniProt ID [Q9UKT6](#)

Chromosome Location 5q31

Function ubiquitin-protein ligase activity;

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