

Recombinant Human FBXL14, His-tagged

Cat. No. FBXL14-12772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXL14 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-418a.a.
Description	Members of the F-box protein family, such as FBXL14, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).
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.

GENE INFORMATION

Gene Name	FBXL14 F-box and leucine-rich repeat protein 14 [Homo sapiens]
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Official Symbol	FBXL14
Synonyms	FBXL14; F-box and leucine-rich repeat protein 14; F-box/LRR-repeat protein 14; Fbl14; MGC40195;
Gene ID	144699
mRNA Refseq	NM_152441
Protein Refseq	NP_689654
MIM	609081
UniProt ID	Q8N1E6
Chromosome Location	12p13.33
Function	protein binding; ubiquitin-protein ligase activity;

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