

Recombinant Human FBXL5 293 Cell Lysate

Cat. No. FBXL5-6310HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for F-box and leucine-rich repeat protein 5 (FBXL5), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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;

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Function

iron ion binding; metal ion binding; protein binding; ubiquitin-protein ligase activity;

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