

Recombinant Human FBXW7 293 Cell Lysate

Cat. No. FBXW7-6283HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for F-box and WD repeat domain containing 7 (FBXW7), transcript variant 1 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	FBXW7 F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase [Homo sapiens]
Official Symbol	FBXW7
Synonyms	FBXW7; F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase; F box and WD repeat domain containing 7 , F box and WD 40 domain protein 7 (archipelago homolog, Drosophila); F-box/WD repeat-containing protein 7; AGO; archipelago homolog (Drosophila); CDC4; FBW7; FBX30; FBXW6; FLJ11071; SEL 10; SEL10; archipelago; F-box protein FBW7; F-box protein FBX30; F-box protein SEL-10; homolog of C elegans sel-10; F-box and WD-40 domain protein 7 (archipelago homolog, Drosophila); FBW6; hAgo; hCdc4; FBXO30; SEL-10; FLJ16457; DKFZp686F23254;
Gene ID	55294
mRNA Refseq	NM_033632
Protein Refseq	NP_361014
MIM	606278
UniProt ID	Q969H0
Chromosome Location	4q31.23

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Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;

Function

protein binding; sequence-specific DNA binding transcription factor activity;

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