

Recombinant Human FBXW7 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

 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

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 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 4q31.23

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Location	
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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