Recombinant Human FBXO5 293 Cell Lysate

Cat. No. FBXO5-6290HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for F-box protein 5 (FBXO5), 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.

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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	FBXO5 F-box protein 5 [Homo sapiens]
Official Symbol	FBXO5
Synonyms	FBXO5; F-box protein 5; F box only protein 5; F-box only protein 5; EMI1; FBX5; Fbxo31; F-box protein Fbx5; early mitotic inhibitor 1;
Gene ID	26271
mRNA Refseq	NM_001142522
Protein Refseq	NP_001135994
MIM	606013
UniProt ID	Q9UKT4
Chromosome Location	6q25-q26
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; E2F mediated regulation of DNA replication, organism-specific biosystem; G1/S Transition, organism-specific biosystem; G1/S-Specific Transcription, organism-specific biosystem;

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Function	metal ion binding; protein binding; protein kinase binding;

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