

Recombinant Human EFCAB4B 293 Cell Lysate

Cat. No. EFCAB4B-6707HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for EF-hand calcium binding domain 4B (EFCAB4B), transcript variant 3 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

EFCAB4B EF-hand calcium binding domain 4B [Homo sapiens]

Official Symbol

EFCAB4B

Synonyms

EFCAB4B; EF-hand calcium binding domain 4B; EF-hand calcium-binding domain-containing protein 4B; MGC4266; CRAC channel regulator 2A; calcium release-activated calcium channel regulator 2A; CRACR2A; FLJ33046; FLJ33805; DKFZp686G13246;

Gene ID

84766

mRNA Refseq

NM_001144958

Protein Refseq

NP_001138430

MIM

614178

UniProt ID

Q9BSW2

**Chromosome
Location**

12p13.32

Function

calcium ion binding; protein binding;

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