

Recombinant Human FAM38B 293 Cell Lysate

Cat. No. FAM38B-6381HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for family with sequence similarity 38, member B (FAM38B) 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

PIEZO2?piezo-type mechanosensitive ion channel component 2 [?Homo sapiens?(human)]

Official Symbol

FAM38B

Synonyms

PIEZO2; DA3; DA5; MWKS; FAM38B; HsT748; HsT771; FAM38B2; C18orf30; C18orf58; piezo-type mechanosensitive ion channel component 2; protein PIEZO2; family with sequence similarity 38, member B2; family with sequence similarity 38, member A pseudogene; piezo-type mechanosensitive ion channel component 1 pseudogene

Gene ID

63895

mRNA Refseq

NM_022068

Protein Refseq

NP_071351

MIM

613629

UniProt ID

Q9H5I5

Chromosome Location

18p11.22

Function

cation channel activity; mechanically-gated ion channel activity

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