

Recombinant Human FAM82B 293 Cell Lysate

Cat. No. FAM82B-6345HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for family with sequence similarity 82, member B (FAM82B) 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

FAM82B family with sequence similarity 82, member B [Homo sapiens]

Official Symbol

FAM82B

Synonyms

FAM82B; family with sequence similarity 82, member B; regulator of microtubule dynamics protein 1; CGI 90; FLJ20665; hRMD-1; microtubule-associated protein; regulator of microtubule dynamics 1; RMD1; RMD-1; CGI-90;

Gene ID

51115

mRNA Refseq

NM_016033

Protein Refseq

NP_057117

MIM

611871

UniProt ID

Q96DB5

**Chromosome
Location**

8q21.3

Function

binding;

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