

Recombinant Human FAM82A2 293 Cell Lysate

Cat. No. FAM82A2-6346HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for family with sequence similarity 82, member A2 (FAM82A2) 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

FAM82A2 family with sequence similarity 82, member A2 [Homo sapiens]

Official Symbol

FAM82A2

Synonyms

FAM82A2; family with sequence similarity 82, member A2; FAM82C; regulator of microtubule dynamics protein 3; FLJ10579; PTPIP51; cerebral protein 10; TCPTP-interacting protein 51; microtubule-associated protein; regulator of microtubule dynamics 3; family with sequence similarity 82, member C; protein tyrosine phosphatase-interacting protein 51; RMD3; RMD-3; ptpip51;

Gene ID

55177

mRNA Refseq

NM_018145

Protein Refseq

NP_060615

MIM

611873

UniProt ID

Q96TC7

**Chromosome
Location**

15q15.1

Function

binding;

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