

Recombinant Human FXYD3 293 Cell Lysate

Cat. No. FXYD3-6101HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description Antigen standard for FXYD domain containing ion transport regulator 3 (FXYD3), 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.

 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

FXYD3 FXYD domain containing ion transport regulator 3 [Homo sapiens]

Official Symbol

FXYD3

Synonyms

FXYD3; FXYD domain containing ion transport regulator 3; FXYD domain containing ion transport regulator 3 , PLML; FXYD domain-containing ion transport regulator 3; MAT 8; phospholemman-like protein; mammary tumor 8 kDa protein; chloride conductance inducer protein Mat-8; MAT8; PLML; MGC111076;

Gene ID

5349

mRNA Refseq

NM_005971

Protein Refseq

NP_005962

MIM

604996

UniProt ID

Q14802

Chromosome Location

19q13.11-q13.12

Function

ATPase binding; chloride channel activity; ion channel activity;

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