

Recombinant Human FXYD3, His-tagged

Cat. No. FXYD3-13056H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FXYD3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-87a.a.
Description	This gene belongs to a small family of FXYD-domain containing regulators of Na ⁺ /K ⁺ ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may regulate the function of ion-pumps and ion-channels. This gene may also play a role in tumor progression. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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

Official Symbol	FXVD3
Synonyms	FXVD3; FXVD domain containing ion transport regulator 3; FXVD domain containing ion transport regulator 3 , PLML; FXVD 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_001136007
Protein Refseq	NP_001129479
MIM	604996
UniProt ID	Q14802
Chromosome Location	19q13.11-q13.12
Function	ATPase binding; chloride channel activity; ion channel activity;

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