

Recombinant Human FXYD3

Cat. No. FXYD3-26269TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FXDY3 with N terminal proprietary tag; Predicted MWt 33.48 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	67 amino acids
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.
Molecular Weight	33.480kDa inclusive of tags
Tissue specificity	Expressed in a subset of human breast tumors.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	NDLEDKNSPFYYDWHSLQVGGLICAGVLCAMGIIIVMSAKCKCKFGQKSGHHPGET PPLITPGSAQS
Sequence Similarities	Belongs to the FXYD family.

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;
Gene ID	5349
mRNA Refseq	NM_001136007
Protein Refseq	NP_001129479
MIM	604996
Uniprot ID	Q14802
Chromosome Location	19q13.11-q13.12

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Function

ATPase binding; chloride channel activity; ion channel activity;

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