

## Recombinant Human FXYD3

FXYD3-26269TH Human

Lot. No. (See product label)

### Specification

**Product Overview** Recombinant full length Human FXDY3 with N terminal proprietary tag; Predicted MWt 33.48 kDa.

**Description** This gene belongs to a small family of FXYD-domain containing regulators of Na<sup>+</sup>/K<sup>+</sup> 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.

**Protein length** 67 amino acids

**Molecular Weight** 33.480kDa inclusive of tags

**Source** Wheat germ

**Tissue specificity** Expressed in a subset of human breast tumors.

**Form** Liquid

**Purity** Proprietary Purification

**Storage buffer** pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

**Sequences of amino acids** NDLEDKNSPFYYDWHSLQVGG LICAGVLCAMGIIIVMSAKCKCKFGQKSGHHPGETPPLITPGSA  
QS

**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](#)

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<b>Uniprot ID</b>	<a href="#">Q14802</a>
<b>Chromosome Location</b>	19q13.11-q13.12
<b>Function</b>	ATPase binding; chloride channel activity; ion channel activity;

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