

Recombinant Full Length Human FXYD3 Protein

Cat. No. FXYD3-172HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	33.480kDa inclusive of tags
AA Sequence	NDLEDKNSPFYDWHSLQVGGLICAGVLCAMGIIIVMSAKCKCKFGQKSGHHPGET PPLITPGSAQS
Purity	Proprietary Purification

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

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [FXVD3 FXVD domain containing ion transport regulator 3 \[Homo sapiens \]](#)

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

Gene ID [5349](#)

mRNA Refseq [NM_001136007](#)

Protein Refseq [NP_001129479](#)

MIM [604996](#)

UniProt ID [Q14802](#)

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