

Recombinant Full Length Human FXYD3 Protein, GST-tagged

Cat. No. FXYD3-5279HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FXYD3 full-length ORF (AAH05238, 21 a.a. - 87 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	21-87 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 Mass	33.11 kDa
AA Sequence	NDLEDKNSPFYYDWHSLQVGGLICAGVLCAMGIIIVMSAKCKCKFGQKSGHHPGET PPLITPGSAQS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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_001136007
Protein Refseq	NP_001129479
MIM	604996
UniProt ID	Q14802