

Recombinant Human FXYD3, His&GST-tagged

Cat. No. FXYD3-1352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of Human FXYD domain containing ion transport regulator 3 (FXYD3), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
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	37.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	50mM Tris, pH8.0, 8M Urea.
Full Length	Full L.

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GENE INFORMATION

Gene Name	FXYD3 FXYD domain containing ion transport regulator 3 [Homo sapiens (human)]
Official Symbol	FXYD3
Synonyms	MAT8; PLML; FXYD domain-containing ion transport regulator 3; chloride conductance inducer protein Mat-8; mammary tumor 8 kDa protein; phospholemman-like protein; sodium/potassium-transporting ATPase subunit FXYD3
Gene ID	5349
mRNA Refseq	NM_005971
Protein Refseq	NP_005962
MIM	604996
UniProt ID	Q14802

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