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Product datasheet for TP327235L

FXYD3 (NM_001136011) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FXYD domain containing ion transport regulator 3 (FXYD3), transcript variant 7, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227235 protein sequence Red=Cloning site Green=Tags(s) MQKVTLGLLVFLAGFPVLDANDLEDKNSPFYYDWHSLQVGGLICAGVLCAMGIIIVMSAKCKCKFGQKSG HHPGETPPLITPGSAQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	7.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001129483
Locus ID:	5349
UniProt ID:	Q14802
RefSeq Size:	1466

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Cytogenetics: 19q13.12

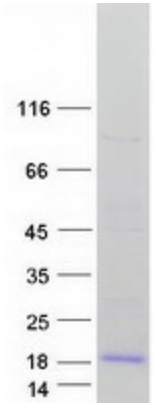
RefSeq ORF: 261

Synonyms: MAT8; PLML

Summary: 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.[provided by RefSeq, Oct 2008]

Protein Families: Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified FXYD3 protein (Cat# [TP327235]). The protein was produced from HEK293T cells transfected with FXYD3 cDNA clone (Cat# [RC227235]) using MegaTran 2.0 (Cat# [TT210002]).