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Product datasheet for PH327235

FXYD3 (NM_001136011) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FXYD3 MS Standard C13 and N15-labeled recombinant protein (NP_001129483)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227235
Predicted MW:	9.3 kDa
Protein Sequence:	>RC227235 protein sequence Red=Cloning site Green=Tags(s) MQKVTLGLLVFLAGFPVLDANDLEDKNSPFYYDWHSLQVGGLICAGVLCAMGIIIVMSAKCKCKFGQKSG HHPGETPPLITPGSAQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001129483
RefSeq Size:	1466
RefSeq ORF:	261
Synonyms:	MAT8; PLML
Locus ID:	5349
UniProt ID:	Q14802
Cytogenetics:	19q13.12

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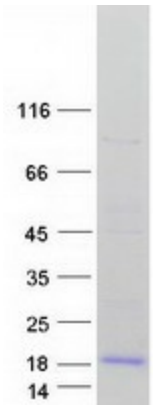
Summary: This gene belongs to a small family of FXYD-domain containing regulators of Na+/K+ ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may 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]).