

Product datasheet for **TP325122M**

FXYD2 (NM_001127489) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FXYD domain containing ion transport regulator 2 (FXYD2), transcript variant c, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225122 representing NM_001127489 Red =Cloning site Green =Tags(s)
	 MTGLSMDGGGSPKGDVDPFYGKPGPLRTLPEPSGPLPPSSGLSQPQVHALCPLSPLVTTGCCGQAAERD SCWERPPIPLLLPSLSGDYETVRNGGLIFAGLAFIVGLLILLSKWGGLQGRGADQGTSLLKAAEQAGFRE LPREG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.9 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_001120961
Locus ID:	486
UniProt ID:	P54710



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Cytogenetics: 11q23.3

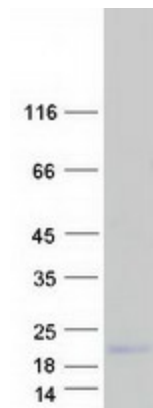
RefSeq ORF: 435

Synonyms: ATP1G1; HOMG2; MGC12372

Summary: This gene encodes a member of the FXYD family of transmembrane proteins. This particular protein encodes the sodium/potassium-transporting ATPase subunit gamma. Mutations in this gene have been associated with Renal Hypomagnesemia-2. Alternatively spliced transcript variants have been described. Read-through transcripts have been observed between this locus and the upstream FXYD domain-containing ion transport regulator 6 (FXYP6, GeneID 53826) locus.[provided by RefSeq, Feb 2011]

Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified FXYD2 protein (Cat# [TP325122]). The protein was produced from HEK293T cells transfected with FXYD2 cDNA clone (Cat# [RC225122]) using MegaTran 2.0 (Cat# [TT210002]).