

Recombinant Full Length Human FXYD2 Protein, Flag tagged

Cat. No. FXYD2-01HFL **Lot. No.** (See product label)

SPECIFICATION

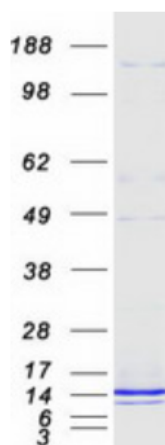
Product Overview	Recombinant protein of human FXYD domain containing ion transport regulator 2 (FXYD2), transcript variant a with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	1-66 aa
Description	This gene encodes a member of the FXYD family of transmembrane proteins. 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 (FXYD6, GeneID 53826) locus.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	7.1 kDa
AASequence	MTGLSMDGGGSPKGDVDPFYDYETVRNGGLIFAGLAFIVGLLILLSRRFRCCGNKK RRQINEDEPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	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 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 µg/µL as determined by microplate BCA method
GENE INFORMATION	
Gene Name	FXYP2 FXYP domain containing ion transport regulator 2 [Homo sapiens (human)]
Official Symbol	FXYP2
Synonyms	FXYP2; FXYP domain containing ion transport regulator 2; ATP1G1, HOMG2, hypomagnesemia 2, renal; sodium/potassium-transporting ATPase subunit gamma; MGC12372; sodium pump gamma chain; Na(+)/K(+) ATPase subunit gamma; ATPase, Na+/K+ transporting, gamma 1 polypeptide; HOMG2; ATP1G1;
Gene ID	486
mRNA Refseq	NM_001680
Protein Refseq	NP_001671
MIM	601814
UniProt ID	P54710

SDS-PAGE

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