

Recombinant Full Length Human FXD2 Protein, Flag tagged

Cat. No. FXD2-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human FXD domain containing ion transport regulator 2 (FXD2), 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 FXD 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 FXD domain-containing ion transport regulator 6 (FXD6, 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

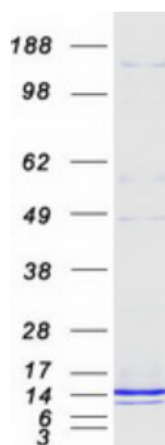
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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product 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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