Recombinant Human FXYD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FXYD2-551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FXYD2 MS Standard C13 and N15-labeled recombinant protein (NP_001671) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	7.3 kDa
AA Sequence	MTGLSMDGGGSPKGDVDPFYYDYETVRNGGLIFAGLAFIVGLLILLSRRFRCGGNKK RRQINEDEPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

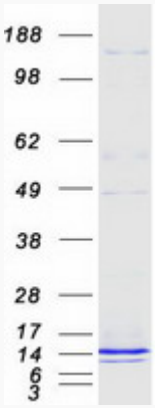
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FXYD2 FXYD domain containing ion transport regulator 2 [Homo sapiens (human)]
Official Symbol	FXYD2
Synonyms	FXYD2; FXYD 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

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SDS-PAGE	

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