

Recombinant Human FXYD4 Protein, Flag-tagged

Cat. No. FXYD4-1376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FXYD4 Protein is produced by HEK293T expression system. This protein is fused with a Flag tag.
Species	Human
Source	HEK293
Description	This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. FXYD4, originally named CHIF for channel-inducing factor, has been shown to modulate the properties of the Na,K-ATPase, as has FXYD2, also known as the gamma subunit of the Na,K-ATPase, and FXYD7. Transmembrane topology has been established for FXYD4 and two family members (FXYD1 and FXYD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. Alternatively spliced transcript variants encoding the same protein have been found.
Form	PBS buffer
Molecular Mass	9 kDa
AA Sequence	MERVTLALLLLAGLTALEANDPFANKDDPFYYDWKNLQLSGLICGGLLAIAAGIAAVLS GKCKCKSSQKQHSPVPEKAIPITPGSATTCTRTRPLEQKLISEEDLAANDILDYKDD

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DDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining**GENE INFORMATION****Gene Name** FXYD4 FXYD domain containing ion transport regulator 4 [Homo sapiens]**Official Symbol** FXYD4**Synonyms** CHIF**Gene ID** 53828**mRNA Refseq** NM_173160.2**Protein Refseq** NP_775183.1**UniProt ID** P59646

Purified recombinant protein FXYD4 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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