

Recombinant Human FXYP4 Protein, Flag-tagged

Cat. No. FXYP4-1376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FXYP4 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 PFXYP and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYP-domain containing ion transport regulator. FXYP4, originally named CHIF for channel-inducing factor, has been shown to modulate the properties of the Na,K-ATPase, as has FXYP2, also known as the gamma subunit of the Na,K-ATPase, and FXYP7. Transmembrane topology has been established for FXYP4 and two family members (FXYP1 and FXYP2), 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 GKCKCKSSQKQHSVPPEKAIPITPGSATTCTRTPLKLEEDLAANDILDYKDD

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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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