

Product datasheet for TP308892

FXD4 (NM_173160) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human FXD domain containing ion transport regulator 4 (FXD4), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208892 protein sequence Red=Cloning site Green=Tags(s) |
| | MERVTLALLLLAGLTALEANDPFANKDDPFYDWNKLNQLSGLICGGLLAIAAGIAAVLSGKCKCKSSQKQH SPVPEKAIPLITPGSATTC |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 9.2 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | 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°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_775183 |
| Locus ID: | 53828 |
| UniProt ID: | P59646 |
| RefSeq Size: | 787 |



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Cytogenetics: 10q11.21

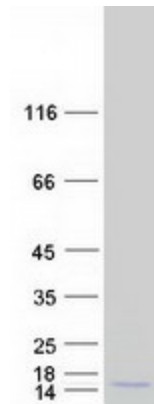
RefSeq ORF: 267

Synonyms: CHIF

Summary: 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.[provided by RefSeq, May 2010]

Protein Families: Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified FXYP4 protein (Cat# TP308892). The protein was produced from HEK293T cells transfected with FXYP4 cDNA clone (Cat# [RC208892]) using MegaTran 2.0 (Cat# [TT210002]).