

## Product datasheet for **TP328721**

### **FXYD6 (NM\_001164836) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens FXYD domain containing ion transport regulator 6 (FXYP6), transcript variant 4, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC228721 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MELVLVFLCSLLAPMVLASAAEKEKEMDPFHYDYQTLRIGGLVFAVVLFSVGILLILSRCKCSFNQKPR APGDDEAQVENLITANATEPQKAEN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	10.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001158308</a>
<b>Locus ID:</b>	53826
<b>UniProt ID:</b>	<a href="#">Q9H0Q3</a> , <a href="#">A0A024R3J8</a>
<b>RefSeq Size:</b>	2229



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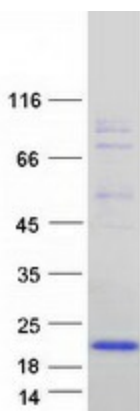
Cytogenetics: 11q23.3

RefSeq ORF: 285

**Summary:** This gene encodes a member of the FXYD family of transmembrane proteins. This particular protein encodes phosphohippolin, which likely affects the activity of Na,K-ATPase. Multiple alternatively spliced transcript variants encoding the same protein have been described. Related pseudogenes have been identified on chromosomes 10 and X. Read-through transcripts have been observed between this locus and the downstream sodium/potassium-transporting ATPase subunit gamma (FXYP2, GeneID 486) locus.[provided by RefSeq, Feb 2011]

**Protein Families:** Ion Channels: Other, Transmembrane

### Product images:



Coomassie blue staining of purified FXYD6 protein (Cat# TP328721). The protein was produced from HEK293T cells transfected with FXYD6 cDNA clone (Cat# [RC228721]) using MegaTran 2.0 (Cat# [TT210002]).