

# Recombinant Full Length Human FXYD6 Protein, GST-tagged

**Cat. No.** FXYD6-5280HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Human FXYD6 full-length ORF ( AAH18652, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.

**Species**                      Human

**Source**                        In Vitro Cell Free System

**ProteinLength**              95 amino acids

### Description

This reference sequence was derived from multiple replicate ESTs and validated by human genomic sequence. 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. FXYD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYD1 (phospholemman), FXYD2 (gamma), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIC) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXYD1 and FXYD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. This gene product, FXYD6, is novel and has not been characterized as a protein. Multiple alternatively spliced transcript variants that encode the same protein isoform have been described. RefSeq curation by Kathleen J. Sweadner, Ph.D., [sweadner@helix.mgh.harvard.edu](mailto:sweadner@helix.mgh.harvard.edu).

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Molecular Mass</b>	36.19 kDa
<b>AA Sequence</b>	MELVLVFLCSLLAPMVLASAAEKEKEMDPFHVDYQTLRIGGLVFAVVLFSVGILLILSR RCKCSFNQKPRAPGDDEEAQVENLITANATEPQKAEN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FXVD6 FXVD domain containing ion transport regulator 6 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">FXVD6</a>
<b>Synonyms</b>	FXVD6; FXVD domain containing ion transport regulator 6; FXVD domain-containing ion transport regulator 6; phosphohippolin; FXVD Domain Containing Ion Transport Regulator 6; Phosphohippolin; FXVD Domain-Containing Ion Transport Regulator 6
<b>Gene ID</b>	<a href="#">53826</a>
<b>mRNA Refseq</b>	<a href="#">NM_001164831</a>
<b>Protein Refseq</b>	<a href="#">NP_001158303</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>MIM</b>	606683
------------	--------

<b>UniProt ID</b>	Q9H0Q3
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA