

Recombinant Human FXYD1 protein, His-tagged

Cat. No. FXYD1-2996H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FXYD1 protein(Ag25307), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Ag25307
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MASLGHILVFCVGLLTMAKAESPKEHDPFTYDYQSLQIGGLVIAGILFILGILIVLSRRC RCKFNQQQRTGEPDEEEGTFRSSIRRLSTRRR
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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GENE INFORMATION

Gene Name	FXYP1 FXYP domain containing ion transport regulator 1 [Homo sapiens]
Official Symbol	FXYP1
Synonyms	FXYP1; FXYP domain containing ion transport regulator 1; phospholemman , PLM; phospholemman; PLM; MGC44983;
Gene ID	5348
mRNA Refseq	NM_005031
Protein Refseq	NP_005022
MIM	602359
UniProt ID	O00168

SDS-PAGE



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