

Product information



FXYD5, 22-145aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1968

Full name: FXYD domain-containing ion transport regulator 5

NCBI Accession No.: NP_001158077

Synonyms: DYSAD, HSPC113, IWU1, KCT1, OIT2, PRO6241, RIC

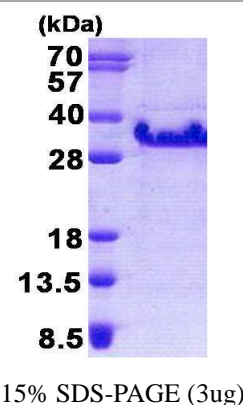
Description: FXYD domain-containing ion transport regulator 5, also known as FXYD5, is a cancer-associated cell membrane glycoprotein which belongs to the FXYD family. FXYD5 is involved in down-regulation of E-cadherin, which plays important roles in tumor development and metastasis. It is present in spleen, lung, skeletal muscle, and testis tissue, and maps to human chromosome 19q13.2. Recombinant human FXYD5 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl,
10% glycerol, 1mM DTT

Molecular Weight: 16.1 kDa (147aa) confirmed by MALDI-TOF
(Molecular size on SDS-PAGE will appear higher)

Purity: > 95% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by BCA assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSQTLKDTT SSSSADSTIM DIQVPTRAPD AVYTELQPTS PTPTWPADET PQQQTQTQQL EGTGGLVTD
PETHKSTKAA HPTDDTTTLS ERPSPSTOVQ TDPQTLKPSG FHEDDPFFYD EHTLRKR

General references:

Shimamura T., *et al.* (2003) *J Clin Oncol.* 21:659-667

Sato H., *et al.* (2003) *Metab.* 9: 4407-4412.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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