

Recombinant Human FXYD5, His-tagged

Cat. No. FXYD5-7524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FXYD5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	22-145aa
Antigen 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	16.1 kDa (147aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSQTLKDTT SSSADSTIM DIQVPTRAPD AVYTELQPTS PTPTWPADET PQPQTQTQQL EGTGGLVTD PETHKSTKAA HPTDDTTTLS ERSPSTDVQ TDPQTLKPSG FHEDDPFFYD EHTLRKR

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	>95% as determined by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	0.5 mg/ml
GENE INFORMATION	
Gene Name	FXYD5 FXYD domain containing ion transport regulator 5 [Homo sapiens]
Official Symbol	FXYD5
Synonyms	FXYD5; FXYD domain containing ion transport regulator 5; FXYD domain-containing ion transport regulator 5; dysadherin; OIT2; keratinocytes associated transmembrane protein 1; RIC; IWU1; KCT1; DYSAD; HSPC113; PRO6241;
Gene ID	53827
mRNA Refseq	NM_001164605
Protein Refseq	NP_001158077
MIM	606669
UniProt ID	Q96DB9
Chromosome Location	19q13.12

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Function

actin binding; cadherin binding; ion channel activity;

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