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FXYD5 Human

Catalog #:PRPS-1373

For research use only.

Description:FXYD5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 147 amino acids (22-145 a.a) and having a molecular mass of 16.1kDa. FXYD5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:DYSAD, HSPC113, IWU1, KCT1, OIT2, PRO6241, RIC, FXYD domain-containing ion transport regulator 5, Dysadherin, FXYD5, Keratinocytes Associated Transmembrane Protein 1.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSQTLKDTT SSSSADSTIM DIQVPTRAPD AVYTELQPTS PTPTWPADET PQPQTQTQQL EGTDGPLVTD PETHKSTKAA HPTDDTTTLS ERPSPSTDVQ TDPQTLKPSG FHEDDPFFYD EHTLRKR.

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
FXYD5 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
FXYD domain-containing ion transport regulator 5 (FXYD5) is a cancer-associated cell membrane glycoprotein which is a part of the FXYD family. FXYD5 is engaged in down-regulation of E-cadherin, which takes part in tumor development and metastasis and results in reduced cell adhesion.FXYD is found in spleen, lung, skeletal muscle, and testis tissue, and maps to human chromosome 19q13.2.

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