

FXYD5 Human

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.

Catalog #: PRPS-1373

For research use only.

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 PQQQTQTQQL EGTGGLPLVD 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 drugs, 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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