
Product Data Sheet

Product Name: FXYD5 Human

Cat. No.: GP23520

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	DYSAD; HSPC113; IWU1; KCT1; OIT2; PRO6241; RIC; FXYD domain-containing ion transport regulator 5; Dysadherin; FXYD5; Keratinocytes Associated Transmembrane Protein 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSQTLKDTT SSSADSTIM DIQVPTRAPD AVYTELQPTS PTPTWPADET PQPQTQTQQL EGTDGPLVTD PETHKSTKAA HPTDDTTTLS ERPSPSTDVQ TDPQTLKPSG FHEDDPFFYD EHTLRKR.		
Formulation	FXYD5 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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