
Product Data Sheet

Product Name: FAM3C Human
 Cat. No.: GP23464
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Family with sequence similarity 3 member C; ILEI; Interleukin-like EMT inducer; predicted osteoblast protein; GS3876; protein FAM3C.		
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MQVFEIKMDA SLGNLFARSA LDTAARSTKP PRYKCGISKA CPEKHFAFKM ASGAANVVG P KICLEDNVLM SGVKNNVGRG INVALANGKT GEVLDTKYFD MWGGDVAPFI EFLKAIQDGT IVLMGTYYDDG ATKLNDEARR LIADLGSTSI TNLGFRDNWV FCGGKGKIKTK SPFEQHIKNN KDTNKYEGWP EVVEMEGCIP QKQD		
Formulation	The FAM3C solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 200mM NaCl and 20% glycerol.		

Introduction

FAM3C is a member of the FAM3 family and holds a GG domain. Pancreatic cancer-derived cells demonstrate a difference in expression of this protein. FAM3C is a downstream target gene for the Nkx5-1 transcription factor, and there for takes part in cell differentiation and proliferation through inner ear embryogenesis. In addition, FAM3C has a role in retinal laminar formation and promotes epithelial to mesenchymal transition.

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

FAM3C Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 224 amino acids (25-227) and having a molecular mass of 24.5

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

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kDa.FAM3C is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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