

Recombinant Human Family With Sequence Similarity 3, Member C, His-tagged

Cat. No. FAM3C-6888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FAM3C, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 24.5 kDa.
Species	Human
Source	E.coli
ProteinLength	25-227aa
Description	FAM3C belongs to the FAM3 family and contains a GG domain. A change in expression of this protein has been noted in pancreatic cancer-derived cells. Fam3c may be a downstream target gene for the Nkx5.1 transcription factor, and may thus be involved in cell differentiation and proliferation during inner ear embryogenesis. Also, it may be involved in retinal laminar formation and promotes epithelial to mesenchymal transition.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 20% glycerol, 200mM NaCl.
Molecular Mass	24.5 kDa (224aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MQVFEIKMDA SLGNLFARSA LDTAARSTKP PRYKCGISKA CPEKHFAFKM ASGAANVVGP KICLEDNVLM SGVKNNVGRG INVALANGKT GEVLDTKYFD MWGGDVAPFI EFLKAIQDGT IVLMGTYYDDG

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	ATKLNDEARR LIADLGSTSI TNLGFRDNWV FCGGKGITK SPFEQHIKNN KDTNKYEGWP EVVEMEGCIP QKQD
Purity	>90% 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	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	FAM3C family with sequence similarity 3, member C [Homo sapiens]
Official Symbol	FAM3C
Synonyms	FAM3C; family with sequence similarity 3, member C; protein FAM3C; GS3876; ILEI; interleukin like EMT inducer; predicted osteoblast protein; interleukin-like EMT inducer; GS3786;
Gene ID	10447
mRNA Refseq	NM_001040020
Protein Refseq	NP_001035109
MIM	608618
UniProt ID	Q92520

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Chromosome Location	7q22.1-q31.1
Function	cytokine activity;