Recombinant human FAM3C protein

Catalog Number: ATGP1251

PRODUCT INFORMATION

Expression system
E.coli

Domain
25-227aa

UniProt No.
Q92520

NCBI Accession No.
NP_055703

Alternative Names
Protein FAM3C, ILEI, FAM3 metabolism regulating signaling molecule C, family with sequence similarity 3 member C, GS3876, predicted osteoblast protein, interleukin-like EMT inducer, interleukin-like epithelial-mesenchymal transition inducer

PRODUCT SPECIFICATION

Molecular Weight
24.5kD (224aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 20% glycerol, 200mM NaCl

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
FAB3C 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. Recombinant

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human FAM3C, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

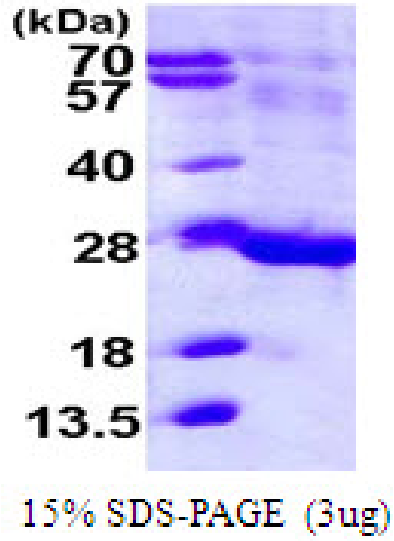
MGSSHHHHHH SSGLVPRGSH MQVFEIKMDA SLGNLFARSA LDTAARSTKP PRYKCGISKA CPEKHFAFKM ASGAANVVGP KICLEDNVLM SGVKNNVGRG INVALANGKT GEVLDTKYFD MWGGDVAPFI EFLKAIQDGT IVLMGTYDDG ATKLNDEARR LIADLGSTSI TNLGFRDNWV FCGGKGIKTK SPFEQHIKNN KDTNKYEGWP EVVEMEGCIP QKQD

General References

Zhu Y, et al. (2002) Genomics 80 (2): 144-50.
Pilipenko VV, et al. (2004) Gene. 335:159-68.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.