

Recombinant human FAM84A/LRATD1 protein

Catalog Number: ATGP2224

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-292aa

UniProt No.

Q96KN4

NCBI Accession No.

NP_660158

Alternative Names

LRAT domain containing 1, Family with sequence similarity 84 member A, Neurological/sensory 1, Protein FAM84A, NSE1, PP11517

PRODUCT SPECIFICATION

Molecular Weight

34.9 kDa (315aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

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

FAM84A belongs to the FAM84 family of proteins and is predominantly expressed in testis. FAM84A localizes to a subcellular membrane region where there is no contact between neighboring cells and is believed to play a role in cell morphology and motility. More specifically, the expression of FAM84A increases cell motility. FAM84A is up-regulated in colorectal cancer lung cancer, pancreatic cancer, cholangiocarcinoma and bladder cancer tissues. Via its ability to increase cell motility, FAM84A may contribute to the invasion and metastasis of cancer cells.

Recombinant human FAM84A/LRATD1 protein

Catalog Number: ATGP2224

Recombinant human FAM84A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

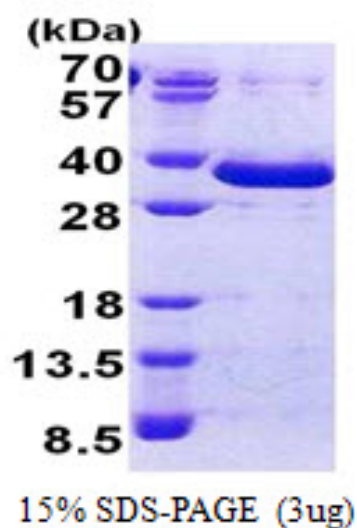
MGSSHHHHHH SGLVPRGSH MGSMGNQLDR ITHLNYSLEP TGDPGSGIEKD ELRVGVAYFF SDDEEDLDER GQPDFKFGVKA
PPGCTPCPES PSRHHHHLLH QLVNLETQFS AFRGQECIFS KVSGGPQGAD LSVYAVTALP ALCEPGDLE LLWLQPAPEP
PAPAPHWAVY VGGGQIIHLH QGEIRQDSLY EAGAANVGRV VNSWYRYPRL VAELVVQNAC GHLGLKSEEI CWTNSESFAA
WCRFGKREFK AGGEVPAGTQ PPQQYYLKV HLGKENVHTA RFHSLEDLIR EKRRIDASGR LRVLQELADL VDDKE

General References

Kobayashi, T., et al. (2006) *Int. J. Oncol.* 29 (2), 341-347

DATA

SDS-PAGE



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