

Recombinant Human FAM84A, His-tagged

Cat. No. FAM84A-15868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FAM84A protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-292aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	34.9kDa (315aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGNQLDR ITHLNYSELP TGDPSGIEKD ELRVGVAYFF SDDEEDLDER GQPDKFGVKA PPGCTPCPES PSRHHHLLH QLVLNETQFS AFRGQECIFS KVSGGPQGAD LSVYAVTALP ALCEPGDLLE

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LLWLQPAPEP PAPAPHWAVY VGGGQIIHLH QGEIRQDSLY EAGAANVGRV
VNSWYRYRPL VAELVVQNAC GHLGLKSEEI CWTNSESFAA WCRFGKREFK
AGGEVPAGTQ PPQQQYYLKV HLGKENVHTA RFHSLEDLIR EKRRIDASGR
LRVLQELADL VDDKE

Purity >90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name FAM84A family with sequence similarity 84, member A [Homo sapiens]

Official Symbol FAM84A

Synonyms FAM84A; family with sequence similarity 84, member A; protein FAM84A; FLJ35392; neurological/sensory 1; NSE1; neurologic sensory protein 1; PP11517;

Gene ID 151354

mRNA Refseq NM_145175

Protein Refseq NP_660158

MIM 611234

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UniProt ID	Q96KN4
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Chromosome Location	2p24.3
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