

FAM84A, 1-292aa, Human, His tag, E.coli

Cat.NO.: TP02088

3th Edition

Synonyms:protein FAM84A, NSE1, PP11517

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

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

Molecular Weight:34.9kDa (315aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGNQLDRITHLNYSELPTGDPSGIEKDELRVGVAYFFSDDEEDLDERGQPD
KFGVKAPPGCTPCPESPSRHHHLLHQLVLNETQFSAFRGQECIFSKVSGGPQGADLSVYAVTALPALCEPGDLLE
LLWLQPAPEPPAPAPHWAVYVGGGQIIHLHQGEIRQDSLYEAGAANVGRVNSWYRYPPLVAELVVQNACGHLGL
KSEEICWTNSESFAAWCRFGKREFKAGGEVPAGTQPPQQYYLKVHLGENKVHTARFHSLEDLIREKRRIDASGR
LRVLQELADLVDDKE

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.