

AR51262PU-S

Human FAM84B (1-310, His-tag) - Purified

Alternate names:

BCMP101, Breast cancer membrane protein 101, NSE2, Protein NSE2

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

FAM84B, as known as Family with sequence similarity 84, member B, coprecipitated with a downstream effector of RAS, CRAF. Binding of FAM83B with CRAF disrupted CRAF/14-3-3 interactions and increased CRAF membrane localization, resulting in elevated MAPK and mammalian target of rapamycin (mTOR) signaling. It is an oncogene and potentially represents a new target for therapeutic intervention.

Uniprot ID:

[Q96KN1](#)

NCBI:

[NP_777571](#)

GeneID:

[157638](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT, 0.1mM PMSF

Description:

Recombinant human FAM84B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMGNQVEK LTHLSYKEVP TADPTGVDRD DGPRIGVSYI
FSNDDVEDVEP QPPPQGPDDG GLPDGGDGPP PPQPQPYDPR LHEVECSVFY RDECIYQKSF
APGSAALSTY TPENLLNKCK PGDLVEFVSQ AQYPHWAVYV GNFQVVHLHR LEVINSFLTD
ASQGRRGRVY NDLYRYKPLS SSAVVRNALA HVGAKERELS WRNSESFAAW CRYGKREFKI
GGELRIGKQP YRLQIQLSAQ RSHTLEFQSL EDLIMEKRRN DQIGRAAVLQ ELATHLHPAE
PEEGDSNVAR TTPPPGRPPA PSSEEDGEA VAH

Molecular weight: 36.9 kDa (333aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Kraja AT. et al. (2013) Lipids. 48:155-165

Camps J. et al. (2009) Genes Chromosomes Cancer. 48:1002-1017.

Pictures:

