

# Product information



## FAM84B, 1-310aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2442

**Full name:** Family with sequence similarity 84, member B

**NCBI Accession No.:** NP\_777571

**Synonyms:** BCMP101, NSE2

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

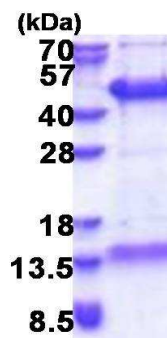
**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

0.15M NaCl, 1mM DTT, 0.1mM PMSF

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

**Purity:** > 85% by SDS - PAGE

**Concentration:** 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMGNQVEK LTHLSYKEVP TADPTGVDRD DGPRIGVSYI FSNDDEDVEP QPPPQGPDPG GLPDGGDGPP  
PPQPQPYDPR LHEVECSVFY RDECIYQKSF APGSAALSTY TPENLLNKCK PGDLVEFVSQ AQYPHWAVYV GNFQVVLHR LEVINSFLTQ  
ASQGRGRV NDLYRYKPLS SSAVVRNALA HVGAKERELS WRNSESFAAW CRYGKREFKI GGELRIGKQP YRLQIQLSAQ RSHTLEFQSL  
EDLIMEKRRN DQIGRAAVLQ ELATHLHPAE PEEGDSNVAR TTPPPGRPPA PSSEEDGEA VAH

### General references:

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

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

**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.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



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