

Recombinant human FAM84B, His-tagged

Cat. No. FAM84B-2442H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FAM84B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT, 0.1mM PMSF
Molecular Mass	36.9 kDa(333aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGNQVEK LTHLSYKEVP TADPTGVDRD DGPRIGVSYI FSNDDEDVEP QPPPQGPDDG GLPDGGDGPPPPQPQPYDPR LHEVECSVFY RDECIYQKSF APGSAALSTY TPENLLNKCK PGDLVEFVSQ AQYPHWAVYV GNFQVVHLHR LEVINSFLTDASQGRRGRVV NDLYRYKPLS SSAVVRNALA HVGAKERELS WRNSESFAAW CRYGKREFKI GGELRIGKQP YRLQIQLSAQ RSHTLEFQSLEDLIMEKRRN DQIGRAAVLQ ELATHLHPAE PEEGDSNVAR TTPPPGRPPA PSSEEEDGEA VAH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	FAM84B family with sequence similarity 84, member B [Homo sapiens]
Official Symbol	FAM84B
Synonyms	FAM84B; family with sequence similarity 84, member B; protein FAM84B; BCMP101; breast cancer membrane associated protein 101; neurological/sensory 2; NSE2; breast cancer membrane protein 101; breast cancer membrane-associated protein 101;
Gene ID	157638
mRNA Refseq	NM_174911
Protein Refseq	NP_777571
MIM	609483
UniProt ID	Q96KN1
Chromosome Location	8q24.13

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Function

protein binding;

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