Product datasheet for AR51262PU-S

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

Product data:

Product Type:	Recombinant Proteins
Description:	FAM84B (1-310, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGNQVEK LTHLSYKEVP TADPTGVDRD DGPRIGVSYI FSNDDEDVEP QPPPQGPDGG GLPDGGDGPP PPQPQPYDPR LHEVECSVFY RDECIYQKSF APGSAALSTY TPENLLNKCK PGDLVEFVSQ AQYPHWAVYV GNFQVVHLHR LEVINSFLTD ASQGRRGRVV NDLYRYKPLS SSAVVRNALA HVGAKERELS WRNSESFAAW CRYGKREFKI GGELRIGKQP YRLQIQLSAQ RSHTLEFQSL EDLIMEKRRN DQIGRAAVLQ ELATHLHPAE PEEGDSNVAR TTPPPGRPPA PSSEEEDGEA VAH
Tag:	His-tag
Predicted MW:	36.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.15M NaCl, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FAM84B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_777571
Locus ID:	157638
UniProt ID:	Q96KN1
Cytogenetics:	8q24.21

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Synonyms: BCMP101; FAM84B; NSE2

Summary: 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.

Product images:

15% SDS-PAGE (3ug)

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