
Product Data Sheet

Product Name: FAM84B Human

Cat. No.: GP23469

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	FAM84B; Family with Sequence Similarity 84 Member B; BCMP101; Breast Cancer Membrane-Associated Protein 101; Neurological/Sensory 2; Breast Cancer Membrane Protein 101; NSE2; Protein FAM84B; Protein NSE2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH 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 PSSEEDGEA VAH.		
Formulation	The FAM84B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.15M NaCl, 1mM DTT and 0.1mM PMSF.		

Introduction

Family with Sequence Similarity 84, Member B (FAM84B) coprecipitated with a downstream effector of RAS, CRAF. Binding of FAM83B with CRAF interrupted CRAF/14-3-3 interactions and increased CRAF membrane localization, causing elevated MAPK and mammalian target of rapamycin (mTOR) signaling. FAM84B is an oncogene and possibly represents a new target for therapeutic intervention.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

FAM84B Human Recombinant produced in E.coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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polypeptide chain containing 333 amino acids (1-310) and having a molecular mass of 36.9kDa. FAM84B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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