

32-3812: FAM84B Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. FAM84B Human Recombinant produced in E.coli is a single, non-glycosylated 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. Family with Sequence Similarity 84, Member B (FAM84B) coprecipitated with a downstream effector of RAS, CRAF. Binding of FAM84B 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.

Product Info

Amount : 20 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The FAM84B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.15M NaCl, 1mM DTT and 0.1mM PMSF.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMGNQVEK LTHLSYKEVP TADPTGVDRD DGPRIGVSYI
FSNDDDEDVEP QPPPQGPDDG GLPDGGDGPP PPQPQPYDPR LHEVECSVFY RDECIYQKSF APGSAALSTY
TPENLLNKCK PGDLVEFVSQ AQYPHWAVYV GNFQVVHLHR LEVINSFLTQ ASQGRGRGVV NDLYRYKPLS
SSAVVRNALA HVGAKERELS WRNSESFAAW CRYGKREFKI GGELRIGKQP YRLQIQLSAQ RSHTLEFQSL
EDLIMEKRRN DQIGRAAVLQ ELATHLHPAE PEEGDSNVAR TTPPPGRPPA PSSEEDGEA VAH.

