Recombinant human FAM84B/LRATD2 protein

Catalog Number: ATGP2442

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-310aa

UniProt No.
Q96KN1

NCBI Accession No.
NP_777571

Alternative Names
LRAT domain containing 2, Family with sequence similarity 84 member B, BCMP101, NSE2, Breast cancer membrane-associated protein 101, Neurological/sensory 2

PRODUCT SPECIFICATION

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

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.15M NaCl,1mM DTT, 0.1mM PMSF

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

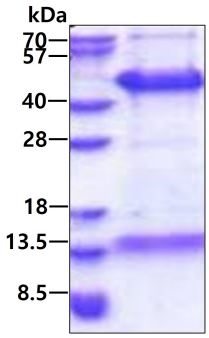
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General References

Kraja AT. et al. (2013) Lipids. 48:155-165
Camps J. et al. (2009) Genes Chromosomes Cancer. 48:1002-1017.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.