NKMAXBIO We support you, we believe in your research

Recombinant human RGS19 protein

Catalog Number: ATGP0810

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-217aa

UniProt No.

P49795

NCBI Accession No.

NP 001034556

Alternative Names

Regulator of G-protein signaling 19, GAIP, GNAI3IP

PRODUCT SPECIFICATION

Molecular Weight

26.7 kDa (237aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% 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

RGS19, also known as Regulator of G-protein signaling 19, belongs to RGS (regulator of G protein signaling) family and negatively regulates G protein coupled receptor signaling. This protein specifically interacts with heterotrimeric GTP-binding protein G alpha i3 (GAI3). Recombinant human RGS19 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MPTPHEAEKO ITGPEEADRP PSMSSHDTAS PAAPSRNPCC LCWCCCSCS



NKMAXBio We support you, we believe in your research

Recombinant human RGS19 protein

Catalog Number: ATGP0810

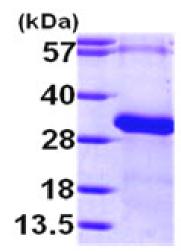
WNQERRRAWQ ASRESKLQPL PSCEVCATPS PEEVQSWAQS FDKLMHSPAG RSVFRAFLRT EYSEENMLFW LACEELKAEA NQHVVDEKAR LIYEDYVSIL SPKEVSLDSR VREGINKKMQ EPSAHTFDDA QLQIYTLMHR DSYPRFLSSP TYRALLLQGP SOSSSEA

General References

Wong YH., et al. (2010) Cell Signal. 22(11):1700-7. Farquhar MG., et al (1995) Proc Natl Acad Sci u S A. 92(25):11916-20.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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

