

Recombinant human SIKE1 protein

Catalog Number: ATGP2618

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-207aa

UniProt No.

Q9BRV8

NCBI Accession No.

NP_079349

Alternative Names

suppressor of IKBKE 1 isoform 2, suppressor of IKBKE 1 isoform 2, RP5-1000E10.4, SIKE

PRODUCT SPECIFICATION

Molecular Weight

26.1 kDa (230aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

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

SIKE interacts with IKK-epsilon and TBK1 and acts as a suppressor of TLR3 and virus-triggered interferon activation pathways. Recombinant human SIKE1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMSCCTIEK ILTDAKTLLE RLREHDAAAE SLVDQSAALH RRVAAMREAG TALPDQYQED
ASDMKDMSKY KPHILLSQEN TQIRDLQQEN RELWISLEEH QDALELIMSK YRKQMLQLMV AKKAVDAEPV LKAHQSHSAE

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IESQIDRICE MGEVMRKAVQ VDDDQFCKIQ EKLAQLELEN KELRELLSIS SESLQARKEN SMDTASQAIK

General References

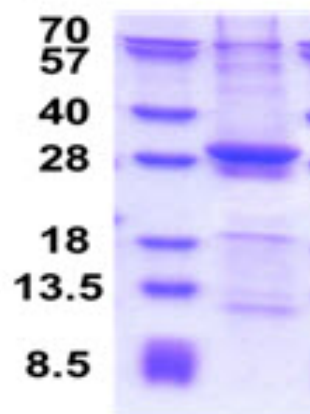
Huang J., et al (2005). EMBO J. 24:4018-4028

The MGC Project Team., et al (2004). Genome Res. 14:2121-2127

DATA

SDS-PAGE

(kDa)



15% SDS-PAGE (3ug)

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