

SIKE1, 1-207aa Human, His tag, E.coli

Cat.NO.: TP03938

3th Edition

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

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.

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

Molecular Weight: 26.1 kDa (230aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSC TIEKILTDAKTLLERLREHDAAAESLVDQSAALHRRVAAMREAGTALPD
QYQEDASDMKDM SKYKPHILLSQENTQIRDLQQENRELWISLEEHQDALELIMSKYRKQMLQLMVAKKAVDAEPVL
KAHQSHSAEIESQIDRICEMGEVMRKAVQVDDDQFCKIQEKLAQLELENKELRELLSISSESLQARKENSMDTASQA
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Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.