

Recombinant Human suppressor of IKBKE 1, His-tagged

Cat. No. SIKE1-521H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SIKE1, 1-207aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-207 a.a.
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 Mass	26.1 kDa (230aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSC TIEK ILTDAKTLLE RLREHDAAAE SLVDQSAALH RRVAAMREAG TALPDQYQED ASDMKDMSKY KPHILLSQEN TQIRDLQQEN RELWISLEEH QDALELIMSK YRKQMLQLMV AKKAVDAEPV LKAHQSHSAE IESQIDRICE MGEVMRKAVQ VDDDQFCKIQ EKLAQLELEN KELRELLSIS SESLQARKEN SMDTASQAIK
Purity	>85% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	SIKE1 suppressor of IKBKE 1 [Homo sapiens]
Official Symbol	SIKE1
Synonyms	SIKE; RP5-1000E10.4
Gene ID	80143
mRNA Refseq	NM_025073.2
Protein Refseq	NP_079349.2
MIM	611656
UniProt ID	Q9BRV8
Chromosome Location	1p13.2
Pathway	Immune System, organism-specific biosystem;Innate Immune System, organism-specific biosystem;RIG-I-like receptor signaling pathway, organism-specific biosystem;RIG-I-like receptor signaling pathway, conserved biosystem;RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways, organism-specific biosystem;TRAF3-dependent IRF activation pathway, organism-specific biosystem;TRAF6 mediated

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IRF7 activation, organism-specific biosystem;

Function

protein binding;

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