
Product Data Sheet

Product Name: SIKE1 Human
 Cat. No.: GP24585
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Suppressor Of IKBKE 1; SIKE; Suppressor Of IKK Epsilon; SuppressorOf IKK-Epsilon.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSCSTIEK ILTDAKTLE RLREHDAAAE SLVDQSAALH RRVAAMREAGTALPDQYQED ASDMKDMSKY KPHILLSQEN TQIRDLQQEN RELWISLEEH QDALELIMSK YRKQMLQLMVAKKAVDAEPV LKAHQSHSAE IESQIDRICE MGEVMRKAVQ VDDDQFCKIQ EKLAQLELEN KELRELLSIS SESLQARKEN SMDTASQAIK		
Formulation	SIKE1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30%glycerol and 1mM DTT.		

Introduction

Suppressor of IKBKE 1 also known as SIKE1 belongs to the SIKE family. SIKE interacts with IKK-epsilon and TBK1 and function as a suppressor of TLR3. In addition, SIKE1 perform by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 andDDX58/RIG-I. SIKE1 does not inhibit NF-kappa-B activation pathways.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

SIKE1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 230 amino acids (1-207 a.a) and having a molecular mass of 26.1kDa. SIKE1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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