9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ECSIT Human

ECSIT homolog Human Recombinant
RCP0698

Product Overview

Name	ECSIT Human
Description	
ECSIT homolog Human Recombinant	
Accession (Primary)	Q9BQ95
Synonyms	
ECSIT Homolog (Drosophila), Evolutionarily Conserved Signaling Intermediate In Toll Pathway Mitochondrial, Likely Ortholog Of Mouse Signaling Intermediate In Toll Pathway Evolutionarily Conserved, Protein SITPEC.	
Introduction	
ECSIT homolog (ECSIT) is a ubiquitously expressed protein which has a vital role as an adaptor protein in the cytosolic signal transduction cascade events triggered by Toll receptor activation. ECSIT promotes proteolytic activation of MAP3K1. ECSIT is also involved in the BMP signaling pathway. ECSIT is essential for normal embryonic development. ECSIT was originally classified as a cytoplasmic protein interacting specifically with TNF receptor associated factor (TRAF)-6 in the TLR pathway. ECSIT gene knockdown results in gravely impaired complex I assembly and disrupted mitochondrial function.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ECSIT solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS GTCGAAL TGTSISQVPL PKDSTGAADP PQPHIVGIQS PDQQAALARH NPARPVFVEG PFSLWLRNKC VYYHILRADL LPPEEREVEE TPEEWNLYYP MQLDLEYVRS GWDNYEFDIN	

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EVEEGPVFAM CMAGAHDQAT MAKWIQGLQE TNPTLAQIPV VFRLAGSTRE LQTSSAGLEE PPLPEDHQEE DDNLQRQQQG QS

Precautions

ECSIT Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BQ95)