

**ECSIT, 19-217aa, Human, His tag, E.coli**

**Cat.NO.: TP01961**

3th Edition

**Synonyms:**Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial , SITPEC.

**Description:**ECSIT is a ubiquitously expressed protein that plays an important role as an adaptor protein in the cytosolic signal transduction cascade events triggered by Toll receptor activation. It was initially identified as a cytoplasmic protein interacting specifically with TNF receptor associated factor (TRAF)-6 in the TLR pathway. Knockdown of ECSIT results in severely impaired complex I assembly and disturbed mitochondrial function. Recombinant human ECSIT 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 0.1M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**24.6 kDa (222aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSGTCGAALTGTSISQVPLPKDSTGAADPPQPHIVGIQSPDQQAALARHNPARP  
VFVEGPFSLWLRNKCYYHILRADLLPPEEREVEETPEEWNLYYPMQLDLEYVRSGWDNYEFDINEVEEGPVFAM  
CMAGAHDAQATMAKWIQGLQETNPTLAQIPVVFRLAGSTRELQTSSAGLEEPPLPEDHQEEDDNLQRQQGGQS

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml

**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.