

SCYE1 (Human) Recombinant Protein

Catalog # P8559

Size 5 ug

Specification

Product Description	Human SCYE1 (Q12904, 1 a.a.- 336 a.a.) partial-length recombinant protein with His-tag at N-terminal expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMLPAVAVSEPVLRFMIFCRLAKMANNDVLRLEQKGAEAD QII EYLKQQVSLLEKAILQATLREEKKLRVENAKLKKEIEELKQELIQAEIQNGVKQIPFPGTPLHA NSMVSENIQSTAVTTVSSGTKEQIKGGTGDEKKAKEKIEKKGEKKEKKQQSIAGSADSKPIDVSR LDLRIGCIITARKHPDADSLYVEEVDVGEIAPRTVVSGLVNHPLEQMQRNVILLCNLKPAMRG VLSQAMVMCASSPEKIEILAPPNGSVPGDRITFDAPGEPDKELNPKKKWEQIQPDLTNDECV ATYKGVPFVKGKGVCRATMSNSGIK.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	32.2
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85% by SDS-PAGE
Storage Buffer	The AIMP1 solution (0.25mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT and 10% glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — SCYE1

Entrez GeneID [9255](#)Protein Accession# [Q12904](#)

Gene Name	SCYE1
Gene Alias	AIMP1, EMAP2, EMAPII, p43
Gene Description	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)
Omim ID	603605
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20. [provided by RefSeq]</p>
Other Designations	ARS-interacting multifunctional protein 1 OTTHUMP00000161878 endothelial monocyte-activating polypeptide 2 endothelial-monocyte activating polypeptide II multisynthetase complex auxiliary component p43 small inducible cytokine subfamily E, member 1

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)