

Recombinant Human RARS Protein (Met1-Pro146), His tagged

Cat. No. RARS-6144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RARS (Met1-Pro146) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro146
Description	Forms part of a macromolecular complex that catalyzes the attachment of specific amino acids to cognate tRNAs during protein synthesis. Modulates the secretion of AIMP1 and may be involved in generation of the inflammatory cytokine EMAP2 from AIMP.
Form	Lyophilized powder/frozen liquid
Molecular Mass	17.54 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	RARS arginyl-tRNA synthetase [Homo sapiens (human)]
Official Symbol	RARS
Synonyms	RARS; arginyl-tRNA synthetase; arginine--tRNA ligase, cytoplasmic; arginine tRNA ligase 1; cytoplasmic; DALRD1; arginine tRNA ligase 1, cytoplasmic; arginyl-tRNA synthetase, cytoplasmic; ArgRS; MGC8641;
Gene ID	5917
mRNA Refseq	NM_002887
Protein Refseq	NP_002878
MIM	107820
UniProt ID	P54136

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