Recombinant Human RARS protein, GST-tagged

Cat. No. RARS-301564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RARS (1-190 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu190
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MDVLVSECSARLLQQEEEIKSLTAEIDRLKNCGCLGASPNLEQLQEENLKLKYRLNILRKSLQAERNKPTKNMINIISRLQEVFGHAIKAAYPDLENPPLLVTPSQQAKFGDYQCNSAMGISQMLKTKEQKVNPREIAENITKHLPDNECIEKVEIAGPGFINVHLRKDFVSEQLTSLLVNGVQLPALGE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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	cycles.

GENE INFORMATION

Gene Name	RARS arginyl-tRNA synthetase [Homo sapiens]
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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