

Recombinant Human RARS protein, His-tagged

Cat. No. RARS-3885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RARS protein(1-190 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-190 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MDVLVSECSARLLQEEEEIKSLTAEIDRLKNCGLGASPNLEQLQEENLKLKYRLNIL RKSLQAERNKPTKNMINIISRLQEVFGHAIAAYPDLENPPLLVTSPQQAKFGDYQCN SAMGISQMLKTKEQKVNPREIAENITKHLDPNECIEKVEIAGPGFINVHLRKDFVSEQL TSLLVNGVQLPALGE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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 cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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