

Recombinant Human AARSD1 protein(Thr176-Glu525), His-tagged

Cat. No. AARSD1-502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AARSD1 (Q9BTE6-2) (Thr176-Glu525) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	176-525 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8. 5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human AARSD1 comprises 365 amino acids and has a predicted molecular mass of 40.5 kDa. The apparent molecular mass of the protein is approximately 40 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	AARSD1 alanyl-tRNA synthetase domain containing 1 [Homo sapiens]
Official Symbol	AARSD1
Synonyms	AARSD1; alanyl-tRNA synthetase domain containing 1; alanyl-tRNA editing protein Aarsd1; MGC2744; alanyl-tRNA synthetase domain-containing protein 1;
Gene ID	80755
mRNA Refseq	NM_001136042
Protein Refseq	NP_001129514
MIM	613212
UniProt ID	Q9BTE6

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