

Recombinant Human AARS2 Protein, MYC/DDK-tagged

Cat. No. AARS2-240H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human AARS2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8. [provided by RefSeq, Dec 2011].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	107.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	alanyl-tRNA synthetase 2, mitochondrial [Homo sapiens]
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Official Symbol	AARS2
Synonyms	AARSL; COXPD8; LKENP; MT-ALARS; MTALARS
Gene ID	57505
mRNA Refseq	NM_020745.3
Protein Refseq	NP_065796.1
MIM	612035
UniProt ID	Q5JTZ9

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