

Recombinant Human AARSD1 Protein, GST-tagged

Cat. No. AARSD1-023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AARSD1 full-length ORF (NP_079543.1, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	AARSD1 (Alanyl-TRNA Synthetase Domain Containing 1) is a Protein Coding gene. Diseases associated with AARSD1 include Ovary Adenocarcinoma. GO annotations related to this gene include nucleic acid binding and aminoacyl-tRNA editing activity. An important paralog of this gene is PTGES3L-AARSD1.
Molecular Mass	85.2 kDa
AA Sequence	MEFCVEDSTDVHVLIEDHRIVFSCKNADGVELYNEIEFYAKVNSKDSQDKRSSRSITC FVRKWKEKVAWPRLTKEDIKPVWLSVDFDNWRDWEGDEEMELAHVEHYAELLKKV STKRPPPAMDDLDFTTTVVSCCPAELQTEGSNGKKEVLSGFQVVLEDTVLFPEGGG QPDDRGTINDISVLRVTRRGEQADHFTQTPLDPGSQVLVRVDWERRFDHMQQHSG QHLITAVADHLFKLKTTSWELGRFRSAIELDTPSMTAEQVAAIEQSVNEKIRDRLPVN VRELSLDDPEVEQVSGRGLPDDHAGPIRVVNIEGVDSNMCCGTHVSNLSDLQVIKIL GTEKGKKNRTNLIFLSGNRVLKWMERSHGTEKALTALLKCGAEDHVEAVKKLQNST KILQKNNLNLRLDLAVHIAHSLRNSPDWGGVVILHRKEGDSEFMNIIANEIGSEETLLF LTVGDEKGGGLFLLAGPPASVETLGPRAEVLEGGKAGKKGRFQGKATKMSRME AQALLQDYISTQSAKE

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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12.5% SDS-PAGE Stained with Coomassie Blue.