

Recombinant Full Length Human AARSD1 Protein, GST-tagged

Cat. No. AARSD1-758HF **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	In Vitro Cell Free System
ProteinLength	525 amino acids
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	MEFCVEDSTD VHVLIEDHRI VFCKNADGV ELYNEIEFYA KVNSKDSQDK RSSRSITCFV RKWKEKVAWP RLTKEDIKPV WLSVDFDNWR DWEGDEEMEL AHVEHYAELL KKVSTKRPPP AMDDLDFTTT VVSCCPAELQ TEGSNGKKEV LSGFQVVLED TVLFPEGGGQ PDDRGTTINDI SVLRVTRRGE QADHFTQTPL DPGSQVLVRV DWERRFDHMQ QHSGQHLITA VADHLFKLKT TSWELGRFRS AIELDTPSMT AEQVAAIEQS VNEKIRDRLP VNVRELSLDD PEVEQVSGRG LPDDHAGPIR VVNIEGVDSN MCCGTHVSNL SDLQVIKILG TEKGGKNRTN LIFLSGNNRVL KWMERSHGTE KALTALLKCG AEDHVEAVKK LQNSTKILQK

 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

NNLNLLRDLA VHIAHSLRNS PDWGGVVILH RKEGDSEFMN IIANEIGSEE
 TLLFLTVDGE KGGGLFLLAG PPASVETLGP RVAEVLEGKG AGKKGRFQGGK
 ATKMSRRMEA QALLQDYIST QSAKE

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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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