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Product datasheet for AR51781PU-N

FARSB (1-589, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FARSB (1-589, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPTVSVK RDLLFQALGR TYTDEEFDEL CFEFGLELDE ITSEKEIISK EQGNVKAAGA SDVVLYKIDV PANRYDLLCL EGLVRGLQVF KERIKAPVYK RVMPDGKIQK LIITEETAKI RPFAVAAVLR NIKFTKDRYD SFIELQEKLH QNICRKRALV AIGTHDLDTL SGPFTYTAKR PSDIKFKPLN KTKEYTACEL MNIYKTDNHL KHYLHIIENK PLYPVIYDSN GVVLSMPPII NGDHSRITVN TRNIFIECTG TDFTKAKIVL DIIVTMFSEY CENQFTVEAA EVVFPNGKSH TFPELAYRKE MVRADLINKK VGIRETPENL AKLLTRMYLK SEVIGDGNQI EIEIPPTRAD IIHACDIVED AAIAYGYNNI QMTLPKTYTI ANQFPLNKLT ELLRHDMAAA GFTEALTFAL CSQEDIADKL GVDISATKAV HISNPKTAEF QVARTTLLPG LLKTIAANRK MPLPLKLFEI SDIVIKDSNT DVGAKNYRHL CAVYYNKNPG FEIIHGLLDR IMQLLDVPPG EDKGGYVIKA SEGPAFFPGR CAEIFARGQS VGKLGVLHPD VITKFELTMP CSSLEINVGP FL
Tag:	His-tag
Predicted MW:	68.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FARSB, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005678
Locus ID:	10056

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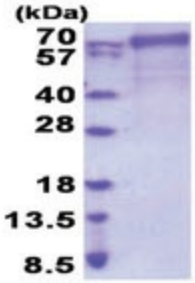
UniProt ID:	Q9NSD9
Cytogenetics:	2q36.1
Synonyms:	FARSLB; FRSB; HSPC173; NEDBLLA; PheHB; PheRS; RILDBC; RILDBC1
Summary:	This gene encodes a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA. A pseudogene located on chromosome 10 has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Protein Pathways:	Aminoacyl-tRNA biosynthesis

Product images:



15% SDS-PAGE (3ug)