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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FARS2 (Human) Recombinant Protein (P01)

Catalog Number: H00010667-P01

Regulation Status: For research use only (RUO)

Product Description: Human FARS2 full-length ORF (NP_006558.1, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVGSALRRGAHAYVYLVSKASHISRGHQHQAWGSRP
PAAECATQRAPGSVELLGKSYQDDHNSLTKVLTR
VGRNLHNQQHHPLWLKERVKEHFYKQYVGRFGTPLF
SVYDNLSPVVTWQNFDSLIPADHPSRKKGDNYLNR
RTHMLRAHTSAHQWDLHAGLDAFLVVDVYRRDQID
SQHYPIFHQLEAVRLFSEKHELFAGIKDGESLQFEQSS
RSAHKQETHMEAVKLVEFDLQTLRLMAHLFGDEL
EIRWVDCYFPFTHPSFEMEINFHGEWLEVLGCGVMEQ
QLVNSAGAQRIGWAFGLGLERLAMILYDIPDIRLFWC
EDERFLKQFCVSNINQKVKFQPLSKYPAVINDISFWLP
SENYAENDFYDLVRTIGGDLVEKVDLIDKFVHPKTHKT
SHCYRITYRHMERTLSQREVRHIHQALQEAAVQLLGV
EGRF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 78.8

Interspecies Antigen Sequence: Mouse (85); Rat (82)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 10667

Gene Symbol: FARS2

Gene Alias: FARS1, HSPC320, PheRS, dJ520B18.2

Gene Summary: Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a phenylalanine-tRNA synthetase (PheRS) localized to the mitochondrion which consists of a single polypeptide chain, unlike the (alpha-beta)₂ structure of the prokaryotic and eukaryotic cytoplasmic forms of PheRS. Structure analysis and catalytic properties indicate mitochondrial PheRSs may constitute a class of PheRS distinct from the enzymes found in prokaryotes and in the eukaryotic cytoplasm. [provided by RefSeq]