

Recombinant Mouse Fars2 protein, His & T7-tagged

Cat. No. Fars2-8211M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fars2 aa. (Met1~Phe451 (Accession # Q99M01)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Phe451
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.0kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 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

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

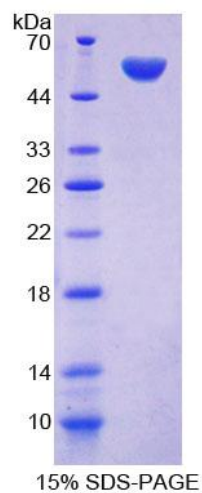
GENE INFORMATION

Gene Name	Fars2 phenylalanine-tRNA synthetase 2 (mitochondrial) [Mus musculus (house mouse)]
Official Symbol	Fars2
Synonyms	Fars2; phenylalanine-tRNA synthetase 2 (mitochondrial); Fars1; pheRS; phenylalanine--tRNA ligase, mitochondrial; phenylalanine-tRNA synthetase 1 (mitochondrial)
Gene ID	69955
mRNA Refseq	NM_024274.3
Protein Refseq	NP_077236.1
UniProt ID	Q99M01

 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

SDS-PAGE

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