

# Human FARS2 Recombinant Protein



RPPB1630

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## Product Information    Protein Information

**Product SKU:**

RPPB1630

**Accession:**

O95363

**Host:**

Escherichia Coli.

**Protein description:**

FARS2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 436 amino acids (37-451 a.a.) and having a molecular mass of 50.6kDa.FARS2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Phenylalanyl-tRNA synthetase mitochondrial, Phenylalanine--tRNA ligase, PheRS, FARS2, FARS1, HSPC320, dJ520B18.2.

**Formulation:**

FARS2 solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol, 1mM EDTA and 0.1M NaCl.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MPAAECATQR APGSVVELLG KSYPQDDHSN LTRKVLTRVG RNLHNQQHHP  
LWLKERVKE HFYKQYVGRF GTPLFSVYDN LSPVTTWQN FDSLLIPADH PSRKKGDNY Y LNRTHMLRAH  
TSAHQWDLH AGLDAFLVG DVYRRDQIDS QHYPIFHQLE AVRLFSKHEL FAGIKDGESL QLF EQSSRSA  
HKQETHMEA VKLVEFDLKQ TLRLMAHLF GDELEIRWVD CYFPFTHPSF EMEINFHGEW LEVLGCGVME  
QQLVNSAGAQ DRIGWAFGLG LERLAMILYD IPDIRLFWCE DERFLKQFCV SNINQKVKFQ PLSKYP AVIN  
DISFWLPSEN YAENDFYDLV RTIGGDLVEK VDLIDKFVHP KTHKTSHCYR ITYRHMERTL SQREVRHIHQ  
ALQEAAVQLL GVEGRF.