

RPPB2000

Product Information Protein Information

Product SKU:

RPPB2000

Accession:

O43776

Host:

E.coli.

Protein description:

NARS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 571 amino acids (1-548 a.a) and having a molecular mass of 65.3kDa. NARS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

NARS, Asparaginyl-TRNA Synthetase, AsnRS, EC 6.1.1.22, Asparaginyl-TRNA Synthetase, Cytoplasmic, Asparagine TRNA Ligase 1, Cytoplasmic, Asparagine--TRNA Ligase, Cytoplasmic, Asparagine TRNA Ligase 1, Cytoplasmic, NARS1.

Formulation:

NARS protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.

Purity:

Greater than 80.0% 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:

GSSHHHHHH SGLVPRGSH MGSMVLAELY VSDREGSDAT GDGTKEKPKF TGLKALMTVG KEPFPTIYVD
SQKENERWNV ISKSQLKNIK KMWHREQMKS ESREKKEAED SLRREKNLEE AKKITIKNDP SLPEPKCVKI
GALEGYRGQR VKVFGWVHRL RRQGKNLMFL VLRDGTGYLQ CVLADELQCQ YNGVLLSTES SVAVYGMNLN
TPKKGQAPGG HELSCDFWEL IGLAPAGGAD NLINEESDVD VQLNNRHMMI RGENMSKILK ARSMVTRCFR
DHFFDRGYE VTPPTLVQTQ VEGGATLFLK DYFGEEAFLT QSSQLYLETC LPALGDVFCI AQSRYAEQSR
TRRHLEAYTH VEAACPFLTF DLLNRLEDL VCDVVDRIK SPAGSIVHEL NPNFQPPKRP FKRMNYSDAI
VWLKEHDVKK EDGTFYEFGE DIPEAPERLM TDTINEPILL CRFPVEIKSF YMQRCPEDSR LTESVDVLM
NVGEIVGGSM RIFDSEEILA GYKREGIDPT PYYWYTDQRK YGTCPHGGYG LGLERFLTWI LNRYHIRDVC
LYPRFVQRCT P.