

## Asparaginyl-tRNA Synthetase Human Recombinant

<b>Item Number</b>	rAP-1878
<b>Synonyms</b>	NARS, Asparaginyl-tRNA Synthetase, AsnRS, EC 6.1.1.22, Asparaginyl-tRNA Synthetase, Cytoplasmic, Asparagine tRNA
<b>Description</b>	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
<b>Uniprot Accesion Number</b>	O43776
<b>Amino Acid Sequence</b>	GSSHHHHHH SSGLVPRGSH MGSMVLAELY VSDREGSDAT GDDTKEKPFK TGLKALMTVG KEP-FPTIYVD SQKENERWNV ISKSQLKNIK KMWHREQMKS ESREKKEAED SLRREKNLEE AKKITIKNDP SLPEP-KCVKI GALEGYRGQR VKVFGWVHRL RRQGKNLMFL VLRDGTGYLQ CVLADELQC YNGVLLSTES SVAVYG- MLNL TPKGKQAPGG HELSCDFWEL IGLAPAGGAD NLINEESDVD VQLNNRHMMI RGENMSKILK ARSMVTRCFR DHFFDRGYYE VTPPT- LVQTQ
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	NARS protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol. Greater
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**