

Asparaginyl-TRNA Synthetase Human Recombinant

Item Number	rAP-1878
Synonyms	NARS, Asparaginyl-TRNA Synthetase, AsnRS, EC 6.1.1.22, Asparaginyl-TRNA Synthetase, Cytoplasmic, Asparagine TRNA
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
Uniprot Accession Number	O43776
Amino Acid Sequence	GSSHHHHHH SSSLVPRGSH MGSMVLAELY VSDREGSDAT GDGTKEKPFK TGLKALMTVG KEP-FPTIYVD SQKENERWNV ISKSQLKNIK KMWHREQMKS ESREKKEAED SLRREKNLEE AKKITIKNDP SLPEP-KCVKI GALEGYRGQR VKVFGWVHRL RRQGKNLMFL VLRDGTGYLQ CVLADELQQC YNGVLLSTES SVAVYG-MLNL TPKGKQAPGG HELSCDFWEL IGLAPAGGAD NLINESDVD VQLNNRHMMI RGENMSKILK ARSMVTRCFR DHFFDRGYE VTPPT-LVQTQ
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	NARS protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol. Greater
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**