

### 32-2583: NARS Recombinant Protein

**Alternative Name :** Asparagine--tRNA ligase,cytoplasmic,EC 6.1.1.22,Asparaginyl-tRNA synthetase,AsnRS,NARS,NARS1.

#### Description

Source : Sf9 Insect Cells. NARS Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 63,853 Dalton. NARS is expressed with a -6xHis tag at N-terminus and purified by proprietary chromatographic techniques. Aminoacyl-tRNA synthetases are a class of enzymes which charge tRNAs with their cognate amino acids. Asparaginyl-tRNA synthetase (NARS) is localized to the cytoplasm and is a member of the class II family of tRNA synthetases. The N-terminal domain characterizes the signature sequence for the eukaryotic asparaginyl-tRNA synthetases.

#### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 80.0% as determined by SDS-PAGE.
<b>Content :</b>	NARS is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.