
Product Data Sheet

Product Name: NARS Human, Sf9

Cat. No.: GP21976

Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 Insect Cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Asparagine--tRNA ligase; cytoplasmic; EC 6.1.1.22; Asparaginyl-tRNA synthetase; AsnRS; NARS; NARS1.		
Formulation	NARS is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.		

Introduction

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.

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. Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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