

Recombinant Human NARS Protein (Met1-Pro548), His-tagged

Cat. No. NARS-681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NARS Protein (NP_004530.1) (Met1-Pro548) was produced by Baculovirus-Insect Cells expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Pro548
Predicted N Terminal	His
Form	Lyophilized from sterile 20 mM Tris, pH 8.0, 200 mM NaCl, 20 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human NARS consists of 567 amino acids and predicts a molecular mass of 65.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	NARS asparaginyl-tRNA synthetase [Homo sapiens]
Official Symbol	NARS
Synonyms	NARS; asparaginyl-tRNA synthetase; cytoplasmic; NARS1; ASNRS;
Gene ID	4677
mRNA Refseq	NM_004539
Protein Refseq	NP_004530
MIM	108410
UniProt ID	O43776