

Recombinant Human NNT protein, GST-tagged

Cat. No. NNT-1321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NNT protein(Ile62~Lys380), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	30-236 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term

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storage.

AA Sequence

MNRSLANVILGGYGTTSTAGGKPMESGTHTEINLDNAIDMIREANSIIITPGYGLCAA
KAQYPIADLVKMLTEQGKKVRFGIHPVAGRMPGQLNVLLAEAGVPYDIVLEMDEINH
DFPDLDLVIGANDTVNSAAQEDPNSIIAGMPVLEVWWSKQVIVMKRSLGVGYAAV
DNPIFYKPNTAMLLGDAKKTCDALQAKVRESYQK

GENE INFORMATION

Gene Name [NNT nicotinamide nucleotide transhydrogenase \[Homo sapiens \]](#)

Official Symbol [NNT](#)

Synonyms

NNT; nicotinamide nucleotide transhydrogenase; NAD(P) transhydrogenase, mitochondrial; pyridine nucleotide transhydrogenase; MGC126502; MGC126503;

Gene ID [23530](#)

mRNA Refseq [NM_012343](#)

Protein Refseq [NP_036475](#)

MIM [607878](#)

UniProt ID [Q13423](#)

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SDS-PAGE

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