

Recombinant Human NNT Protein, GST-tagged

Cat. No. NNT-5957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NNT full-length ORF (AAH32370, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an integral protein of the inner mitochondrial membrane. The enzyme couples hydride transfer between NAD(H) and NADP(+) to proton translocation across the inner mitochondrial membrane. Under most physiological conditions, the enzyme uses energy from the mitochondrial proton gradient to produce high concentrations of NADPH. The resulting NADPH is used for biosynthesis and in free radical detoxification. Two alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq]
Molecular Mass	48.51 kDa
AA Sequence	MNRSLANVILGGYGTTSTAGGKPMIEISGTHTEINLDNAIDMIREANSIIITPGYGLCAA KAQYPIADLVKMLTEQGKKVRFGIHPVAGRMPGQLNVLLAEAGVPYDIVLEMDEINH DFPDIDLVLVIGANDTVNSAAQEDPNSIIAGMPVLEVWWSKQVIVMKRSLGVGYAAV DNPIFYKPNTAMLLGDAKKTCDALQAKVRESYQK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

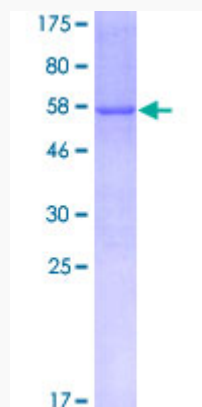
GENE INFORMATION

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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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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