

Recombinant Full Length Human NNT Protein, GST-tagged

Cat. No. NNT-6672HF **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	In Vitro Cell Free System
ProteinLength	207 amino acids
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	MNRSLANVILGGYGTTSTAGGKPMESGTHTEINLDNAIDMIREANSIIITPGYGLCAA KAQYPIADLVKMLTEQGKKVRFGIHPVAGRMPGQLNVLLAEAGVPYDIVLEMDEINH DFPDLDLVLVIGANDTVNSAAQEDPNSIIAGMPVLEVWWSKQVIVMKRSLGVGYAAV DNPIFYKPNTAMLLGDAKKTCDALQAKVRESYQK
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	Western Blot (Recombinant protein) Antibody Production 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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