

Recombinant Human NAPRT1 Protein (229-538 aa), GST-tagged

Cat. No. NAPRT1-677H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAPRT1 Protein (229-538 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	229-538 aa
Description	Catalyzes the conversion of nicotinic acid (NA) to NA mononucleotide (NaMN). Essential for NA to increase cellular NAD levels and prevent oxidative stress of the cells.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	60.2 kDa
AA Sequence	MLAPAAGEGPGVDLAACAQVWLEQVCAHLGLGVQEPHPGERAAAFVAYALAFPRAF QGLLDTYSVWRSGLPNFLAVALALGELGYRAVGVRLDSGDLQQAQEIRKVFRAAA AQFQVPWLESVLIVVSNNIDEEALARLAQEGSEVNVIGIGTSVVTCPQQPSLGGVYKL VAVGGQPRMKLTEDPEKQTLPGSKAAFRLGSDGSPLMDMLQLAEPPVQAGQEL RVWPPGAQEPCTVRPAQVEPLLRLCLQQGQLCEPLPSLAESRALAQLSLSRLSPEH RRLRSPAQYQVVLSERLQALVNSLCAGQSP

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

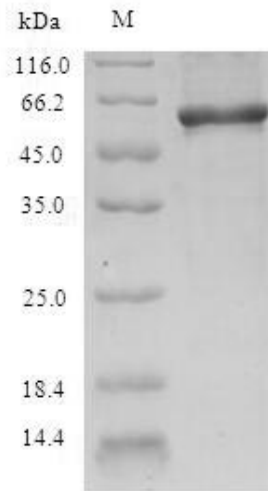
GENE INFORMATION

Gene Name	NAPRT1 nicotinate phosphoribosyltransferase domain containing 1 [Homo sapiens]
Official Symbol	NAPRT1
Synonyms	NAPRT1; PP3856; NAPRTase;
Gene ID	93100
mRNA Refseq	NM_145201
Protein Refseq	NP_660202
MIM	611552
UniProt ID	Q6XQN6

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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