Recombinant Human NAPRT Protein (229-538 aa), His-tagged

Cat. No. NAPRT-1470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAPRT Protein (229-538 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Human
Source	Yeast
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	35.2 kDa
AA Sequence	MLAPAAGEGPGVDLAAKAQVWLEQVCAHLGLGVQEPHPGERAAFVAYALAFPRAF QGLLDTYSVWRSGLPNFLAVALALGELGYRAVGVRLDSGDLLQQAQEIRKVFRAAA AQFQVPWLESVLIVVSNNIDEEALARLAQEGSEVNVIGIGTSVVTCPQQPSLGGVYKL VAVGGQPRMKLTEDPEKQTLPGSKAAFRLLGSDGSPLMDMLQLAEEPVPQAGQEL RVWPPGAQEPCTVRPAQVEPLLRLCLQQGQLCEPLPSLAESRALAQLSLSRLSPEH RRLRSPAQYQVVLSERLQALVNSLCAGQSP

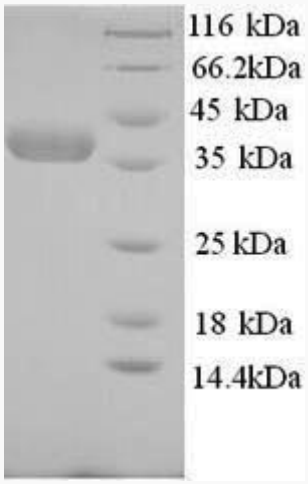
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	NAPRT nicotinate phosphoribosyltransferase [Homo sapiens (human)]
Official Symbol	NAPRT
Synonyms	NAPRT1; PP3856;
Gene ID	93100
mRNA Refseq	NM_001286829
Protein Refseq	NP_001273758
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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