

Recombinant Human NAPRT Protein, His-tagged

Cat. No. NAPRT-265H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NAPRT protein, fused to His tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).[supplied by OMIM, Mar 2008].
Form	50 mM Tris, 8 M Urea, pH 8.0.
Molecular Mass	49.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	nicotinate phosphoribosyltransferase [Homo sapiens]
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Official Symbol	NAPRT
Synonyms	NAPRT1; PP3856
Gene ID	93100
Protein Refseq	NP_660202
MIM	611552

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