

OriGene Technologies, Inc.

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Product datasheet for TP760543

NAPRT1 (NAPRT) (NM_145201) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human nicotinate phosphoribosyltransferase domain containing 1 (NAPRT1), with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length NAPRT1
Tag:	N-His
Predicted MW:	49.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 660202</u>
Locus ID:	93100
UniProt ID:	<u>Q6XQN6</u>
RefSeq Size:	1875
Cytogenetics:	8q24.3
RefSeq ORF:	1398
Synonyms:	NAPRT1; PP3856

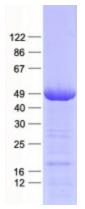


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Summary:Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC
2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide
(NaAD), and finally to nicotinamide adenine dinucleotide (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]

Product images:



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