

PRODUCT INFORMATION

Target	NAPRT1
Synonyms	NAPRT1; PP3856
Description	Purified recombinant protein of Human nicotinate phosphoribosyltransferase domain containing 1 (NAPRT1), with N-terminal HIS tag, expressed in E.Coli, 50ug
Delivery	1 week
Uniprot ID	Q6XQN6
Expression Host	E. coli
Tag	N-His
Molecular Characterization	N/A
Molecular Weight	49.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	50mM Tris, 8M Urea, pH8.0.
Storage & Shipping	Store at -80°C.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

