

Recombinant Human Nicotinate phosphoribosyltransferase(NAPRT1)Partial

Catalog No: #AP70575

Package Size: #AP70575-1 20ug #AP70575-2 100ug #AP70575-3 1mg

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Description

Product Name	Recombinant Human Nicotinate phosphoribosyltransferase(NAPRT1)Partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:229-538aaSequence Info:Partial
Other Names	FHA-HIT-interacting proteinNicotinate phosphoribosyltransferase domain-containing protein 1
Accession No.	Q6XQN6
Calculated MW	60.2 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MLAPAAGEGPGVDLAQAQVWLEQVCAHLGLGVQEPHPGERAAFVAYALAFPRAFQGLLDITYSVWRSGLPN FLAVALALGELGYRAVGVRDLSGDLQQAQEIIRKVFRAAAQFQVPWLESVLIVVSNIDEALARLAQEGSEV NVIGIGTSVVTCPQQPSLGGVYKLVAVGGQPRMKLTEDPEKQTLPGSKAAFRLLGSDGSPLMDMLQLAEEPV PQAGQELRVWPPGAQEPCTVRPAQVEPLRLCLQQGQLCEPLPSLAESRALAQLSLRLSPEHRRRLRSPAQY QVVLSERLQALVNSLCAGQSP
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.