

Recombinant E.coli Purine nucleoside phosphorylase DeoD-type

Catalog No: #AP72389

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Package Size: #AP72389-1 20ug #AP72389-2 100ug #AP72389-3 1mg

Description

Product Name	Recombinant E.coli Purine nucleoside phosphorylase DeoD-type
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-239aaSequence Info:Full Length
Other Names	Inosine phosphorylase
Accession No.	P0ABP8
Uniprot	P0ABP8
GeneID	945654;
Calculated MW	52.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ATPHINAEMGDFADVLLMPGDPLRAKYIAETFLEDAREVNNVRGMLGFTGTYKGRKISVMGHGMGIPSCSIYT KELITDFGVKKIIRVGSCGAVLPHVKLRDVVIGMGACTDSKVNRIRFKDHDFAAIADFDMVRNAVDAAKALGIDA RVGNLFSADLFYSPDGEMFDVMEKYGILGVEMEAAGIYGVAAEFGAKALTICTVSDHIRTHEQTAAERQTTFN DMIKIALESVLLGDKE
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

Cleavage of guanosine or inosine to respective bases and sugar-1-phosphate molecules.

References

Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110.Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006)Research Topic:Others

Note: This product is for in vitro research use only