Recombinant human Cytosolic 5'-nucleotidase 1A

Catalog No: #AP71538

Package Size: #AP71538-1 50ug #AP71538-2 200ug #AP71538-3 500ug #AP71538-4 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Cytosolic 5'-nucleotidase 1A
Host Species	E.coli
Species Reactivity	Hu
Target Name	5NT1A
Other Names	Cytosolic 5'-nucleotidase IA ;cN-I ;cN-IA
Accession No.	Uniprot ID: Q9BXI3
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GeneID	84618;
Calculated MW	45.1kD
Target Length	Full length, 1-368aa
Tag Info	His-tag
Target Sequence	MEPGQPREPQEPREPGPGAETAAAPVWEEAKIFYDNLAPKKKPKSPKPQNAVTIAVSSRALFRMDEEQQIYT EQGVEEYVRYQLEHENEPFSPGPAFPFVKALEAVNRRLRELYPDSEDVFDIVLMTNNHAQVGVRLINSINHYD LFIERFCMTGGNSPICYLKAYHTNLYLSADAEKVREAIDEGIAAATIFSPSRDVVVSQSQLRVAFDGDAVLFSDE SERIVKAHGLDRFFEHEKAHENKPLAQGPLKGFLEALGRLQKKFYSKGLRLECPIRTYLVTARSAASSGARALK TLRSWGLETDEALFLAGAPKGPLLEKIRPHIFFDDQMFHVAGAQEMGTVAAHVPYGVAQTPRRTAPAKQAPS AQ
Formulation	20mM Tris-HCl based buffer,pH8.0
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Application Details

Purity: Greater than 90% as determined by SDS-PAGE.

Background

Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischia and hypoxia.

Note: This product is for in vitro research use only