

Recombinant human 5'-nucleotidase

Catalog No: #AP72115



Package Size: #AP72115-1 20ug #AP72115-2 100ug #AP72115-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human 5'-nucleotidase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-547aaSequence Info:Partial
Other Names	Ecto-5'-nucleotidase; CD73
Accession No.	P21589
Uniprot	P21589
GenID	4907;
Calculated MW	84.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ELTILHTNDVHSRLEQTSSESSKCVNASRCMGGVARLFTKVQQIRRAEPNVLDDAGDQYQGTIWFTVYKGAE VAHFMNALRYDAMALGNHEFDNGVEGLIEPLLKEAKFPILSANIKAKGPLASQISGLYLPYKVLPGDEVVGVG YTSKETPFLSNPGTNLVFEDEITALQPEVDKLLTNVNVKIALGHSGFEMDKLIAQKVRGVDVVVGGHSNTFLYT GNPPSKEVPAGKYPIVTSDDGRKVPVQAYAFGKYLGYLKIEFDERGNVISSHGPNILLNSSIPEDPSIKADIN KWRIKLDNYSTQELGKTIVYLDGSSQSCRFRECNMGNLICDAMINNNLRHTDEMFWNHVSMCILNGGGIRSPI DERNNGTITWENLAAVLPFGGTFDLVQLKGSTLKA FEHSVHRYGQSTGEFLQVGGIHVVYDLRKPGRV KLDVLCTKCRVPSYDPLKMDEVYKVLNPNFLANGGDGFQMIKDELLRHDSGDQDINVVSTYISKMKVIYPAVEG RIK
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

Hydrolyzes Extracellular domain nucleotides into mbrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities.

References

Primary structure of human placental 5'-nucleotidase and identification of the glycolipid anchor in the mature form.Misumi Y., Ogata S., Ohkubo K., Hirose S., Ikehara Y.Eur. J. Biochem. 191:563-569(1990)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only