

Datasheet for ABIN4371112
CD73 Protein (AA 29-550) (His tag)



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Overview

Quantity:	50 µg
Target:	CD73 (NT5E)
Protein Characteristics:	AA 29-550
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD73 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse 5'-Nucleotidase/NT5E/CD73 (C-6His)
Sequence:	WELTILHTND VHSRLEQTS D DSTKCLNASL CVGGVARLFT KVQQRKEEP NVLFLDAGDQ YQGTIWFTVY KGLEVAHFMN ILGYDAMALG NHEFDNGVEG LIDPLLRNVK FPILSANIKA RGPLAHQISG LFLPSKVLSV GGEVVGIVGY TSKETPFLSN PGTNLVFEDE ISALQPEVDK LKTLNVNKII ALGHSGFEMD KLIAQKVRGV DIVVGGHSNT FLYTGNPPSK EVPAGKYPFI VTADDGRQVP VVQAYAFGKY LGYLKVEFDD KGNVITSYGN PILLNSSIPE DATIKADINQ WRIKLDNYST QELGRTIVYL DGSTQTCRFR ECNMGNLICD AMINNNLRHP DEMFWNHVSM CIVNGGGIRS PIDEKNNGTI TWENLAAVLP FGGTFDLVQL KGSTLKKAFE HSVHRYGQST GEFLQVGGIH VVYDINRKPW NRVVQLEVLC TKCRVPIYEP LEMDKVYKVT LPSYLANGGD GFQMIKDELL KHDSGDQDIS VVSEYISKMK VVYPAVEGRI KFHHHHHH
Characteristics:	Recombinant Mouse 5'-Nucleotidase/NT5E/CD73 (C-6His) Specific Activity is greater than 34000pmol/min/ug Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-monophosphate (AMP). The orthophosphate

Product Details

	product is measured by a Malachite Green Phosphate Detection Kit
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CD73 (NT5E)
Alternative Name:	5'-Nucleotidase (NT5E Products)
Molecular Weight:	58.8 kDa
UniProt:	Q61503
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 120 mM NaCl, 4 mM CaCl2, 20 % Glycerol, pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months