

Datasheet for ABIN7321272

CD73 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD73 (NT5E)
Origin:	Rat
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD73 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat CD73/NT5E Protein (His Tag)
Sequence:	Trp29-Lys549
Characteristics:	Recombinant Rat 5'-Nucleotidase/CD73 is produced by our Mammalian expression system and the target gene encoding Trp29-Lys549 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD73 (NT5E)
Alternative Name:	CD73/NT5E (NT5E Products)
Background:	Background: CD73, also known as Ecto-5'-nucleotidase, is an ectoenzyme that is attached to the cell membrane by a glycosyl phosphatidylinositol anchor. The enzyme is expressed by most cell types. The 5' -Nucleotidase activity of CD73 converts extracellular nucleoside-5' -

Target Details

monophosphates to nucleosides. CD73 is one of several enzymes responsible for the production of extracellular adenosine, a signaling molecule that is involved in responses to inflammation and tissue injury. CD73 hydrolyzes extracellular nucleotides into membrane permeable nucleosides.

Synonym: CD73, E5NT,Nucleotidase, NT5E,ecto-5'-nucleotidase,5'-Nucleotidase

Molecular Weight:	59 kDa
UniProt:	P21588
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

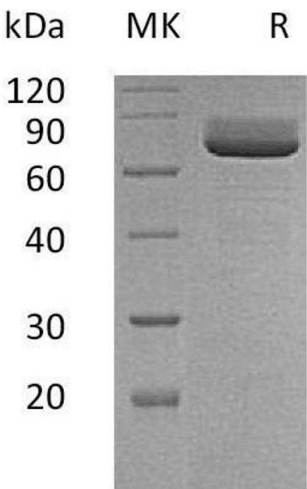
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 120 mM NaCl, 4 mM CaCl2, 20 % Glycerol, pH 7.5.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.