

Product Name: Recombinant Rat CD73 (C-6His)
Catalog #: PHR1890

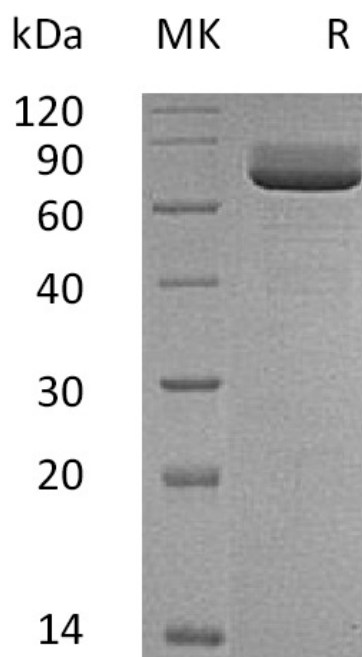


Summary

Name	CD73/5'-Nucleotidase/NT5E
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P21588
Host	Human Cells
Species	Rat
Predicted Molecular Mass	59 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 120mM NaCl, 4mM CaCl ₂ , 20% Glycerol, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

CD73; E5NT; Nucleotidase; NT5E; ecto-5-nucleotidase

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' -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.

Note

For Research Use Only , Not for Diagnostic Use.