

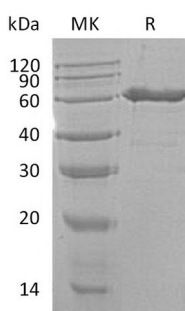
Product Name: Recombinant Mouse CD73 (C-6His)
Catalog #: PHM0005



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 Mouse 5-Nucleotidase is produced by our Mammalian expression system and the target gene encoding Trp29-Phe550 is expressed with a 6His tag at the C-terminus.
Accession #	Q61503
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	58.8 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



Background

Alternative Names 5-nucleotidase; Ecto-5-nucleotidase; CD73; 5-NT

Background Mouse CD73 is a glycosyl phosphatidylinositol (GPI) anchored membrane protein that belongs to the 5-nucleotidase family. CD73 is an ecto 5Nucleotidase

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expressed by most cell types. CD73 hydrolyzes extracellular nucleotides into membrane permeable 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 is a lymphocyte maturation marker that has functions independent of its catalytic activity. CD73 is also a regulator of leukocyte extravasation, a function that requires its 5Nucleotidase activity. CD73 has also been reported to regulate expression of pro-inflammatory molecules in mouse endothelium.

Note

For Research Use Only , Not for Diagnostic Use.