

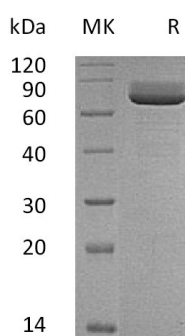
Product Name: Recombinant Rat CD73 (C-6His)
Catalog #: PHR1890



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



Background

| | |
|--------------------------|---|
| 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 |

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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.