

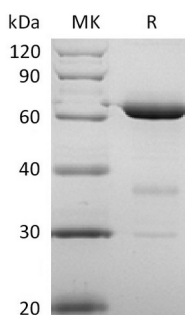
Product Name: Recombinant Human CD73 (P21589, C-6His)
Catalog #: PHH2091



概述 (Summary)

英文全称	CD73/5'-Nucleotidase/5'-NT
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human 5-Nucleotidase is produced by our Mammalian expression system and the target gene encoding Trp27-Lys547 is expressed with a 6His tag at the C-terminus.
Accession #	P21589
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	58.8 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 120mM NaCl, 4mM CaCl ₂ , 20% Glycerol, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (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.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

5-Nucleotidase; 5-NT; Ecto-5-Nucleotidase; CD73; NT5E; NT5; NTE

背景介绍 (References)

CD73 is a glycosyl phosphatidylinositol (GPI) anchored membrane protein that belongs to the 5-nucleotidase family. CD73 is an ecto 5Nucleotidase 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. Defects in NT5E are the cause of calcification of joints and arteries (CAJA). The recombinant CD73 lacking GPI anchor is secreted as a monomer.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.