

# Active Recombinant Human CD73 protein, His-tagged, Biotinylated

**Cat. No.** CD73-3024H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD73 protein(Trp 27-Ser 549), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Trp 27-Ser 549
<b>Form</b>	Lyophilized from 0.22 μm filtered solution in 20 mM Tris, 120 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Monoclonal Anti-Human CD73 Antibody, Human IgG1 at 5 μg/mL (100 μL/well) can bind Biotinylated Human CD73, His,Avitag with a linear range of 0.6-5 ng/mL. Immobilized Biotinylated Human CD73, His,Avitag at 1 μg/mL (100 μL/well) on Streptavidin precoated (0.5 μg/well) plate, can bind Monoclonal Anti-Human CD73 Antibody, Human IgG1 with a linear range of 0.3-2 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 61.7 kDa. The protein migrates as 60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per μg by the LAL method.

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<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

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