

Active Recombinant Human CD73 protein, mFc-tagged

Cat. No. CD73-3023H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD73 protein(Trp 27-Ser 549), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Trp 27-Ser 549
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5. Normally Trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-monophosphate (AMP). The specific activity is > 56,000 pmol/min/µg.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 84.9 kDa. The protein migrates as 95-100 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

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.

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