

Recombinant Cynomolgus NT5E protein, His-tagged

Cat. No. NT5E-5633C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus NT5E protein(EHH53214.1)(Trp27-Cys554), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Trp27-Cys554
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris, 120mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus CD73, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD73 Antibody, hFc Tag with the EC50 of 6.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 59.6 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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