

Active Recombinant Human NT5E protein, hFc-tagged, Low Endotoxin

Cat. No. NT5E-580H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5E protein(P21589-1)(Trp27-Lys547), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-547 aa
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 Human CD73, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-CD73 Antibody, hFc Tag with the EC50 of 35.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 84.5 kDa. Due to glycosylation, the protein migrates to 85-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name NT5E 5-nucleotidase, ecto (CD73) [Homo sapiens]

Official Symbol NT5E

Synonyms NT5E; 5-nucleotidase, ecto (CD73); 5 nucleotidase (CD73), NT5; 5-nucleotidase; CD73; eN; eNT; 5-NT; ecto-5-nucleotidase; Purine 5-Prime-Nucleotidase; NT; NT5; NTE; E5NT;

Gene ID 4907

mRNA Refseq NM_001204813

Protein Refseq NP_001191742

MIM 129190

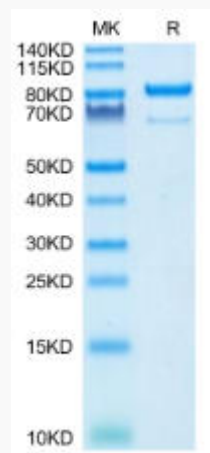
UniProt ID P21589

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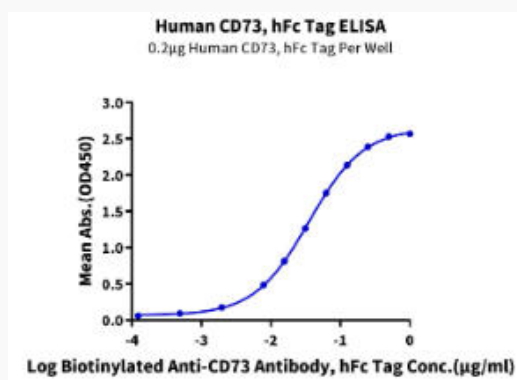
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Bis-Tris PAGE



ELISA Data



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