

Recombinant Human NT5E protein, hFc-tagged

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	Trp27-Lys547
Tag	C-hFc
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 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

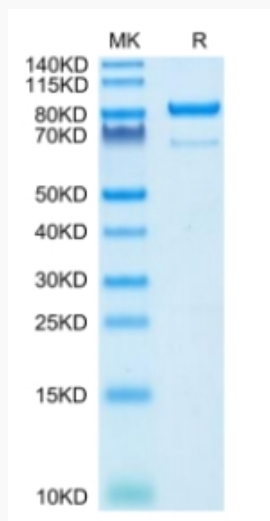
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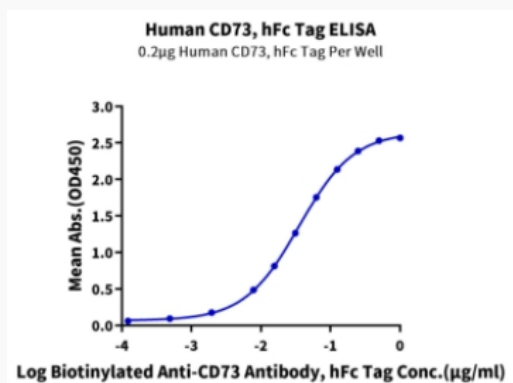
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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