

Recombinant Human NT5E protein, His-tagged

Cat. No. NT5E-3859H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human NT5E protein(P21589-1)(Trp27-Lys547), fused with C-terminal His tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Trp27-Lys547 |
| 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 Human CD73, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Anti-CD73 Antibody, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA. |
| Molecular Mass | The protein has a predicted MW of 58.8 kDa. Due to glycosylation, the protein migrates to 63-66 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. |
| GENE INFORMATION | |
| Gene Name | NT5E 5-nucleotidase, ecto (CD73) [<i>Homo sapiens</i>] |
| 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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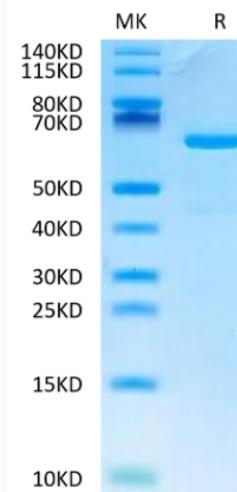
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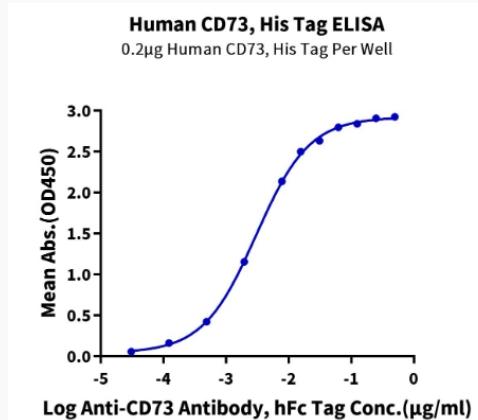
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Tris-Bis PAGE



ELISA Data



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