Active Recombinant Human NT5E, His-tagged

Cat. No. NT5E-343H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5E (Accession # AAH65937) Trp27-Lys547, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	27-547 a.a.
Predicted N Terminal	Trp27
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl, CaCl2 and Glycerol.
Bio-activity	Measured by its ability to hydrolyze the 5"-phosphate group from the substrate adenosine-5"-monophosphate (AMP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit .The specific activity is >15,000 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human NT5E, His-tagged has a calculated MW of 59 kDa. In SDS-PAGE migrates as 61-62 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

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
Chromosome Location	6q14-q21

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