

Recombinant Human NT5E Protein, His-tagged

Cat. No. NT5E-1160H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5E Protein (Leu29-Thr500) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu29-Thr500
Description	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.6 kDa; Accurate Molecular Mass: 53 kDa
Purity	> 90%
Applications	Cell culture; Activity Assays.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

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

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

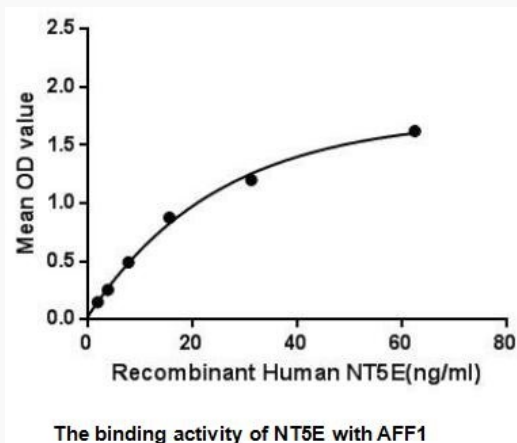
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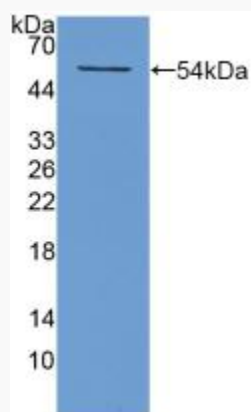
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Binding activity



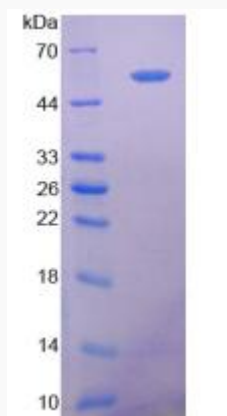
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