

## Recombinant Human NT5E protein, GST-tagged

**Cat. No.** NT5E-4441H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Human NT5E protein(P21589)(28-547aa), fused to N-terminal GST tag, was expressed in E. coli.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              28-547aa

**Form**                              If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Molecular Mass**              84.6 kDa

**AA Sequence**

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ELTILHTNDVHSRLEQTSSEDSSKCVNASRCMGGVARLFTKVQQIRRAEPNVLILLDAG
DQYQGTIWFTVYKGAEVAHFMMNALRYDAMALGNHEFDNGVEGLIEPLLKEAKFPILS
ANIKAKGPLASQISGLYLPYKVLPGDEVGIVGYTSKETPFLSNPGTNLVFEDEITAL
QPEVDKLTNLNVNKIILGHSGFEMDKLIAQKVRGVVVGGHSNTFLYTGNPSSKE
VPAGKYPFIVTSDDGRKVPVQAYAFGKYLGYLKIEFDERGNVISSHGPNILLNSSIPE
DPSIKADINKWRIKLDNYSTQELGKTIVYLDGSSQSCRFRECNMGNLICDAMINNNLR
HTDEMFWNHVSMCILNNGGIRSPIDERNNGTITWENLAAVLPFGGTFDLVQLKGSTL
KKAFEHSVHRYGQSTGEFLQVGGIHHVYDLSRKPGRVVKLDVLTCTKCRVPSYDPL
KMDEVYKVILPNFLANGGDFQMIKDELLRHDSGDQDINVVSTYISKMKVIYPAVEG
RIK
    
```

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

<b>Gene Name</b>	NT5E 5-nucleotidase, ecto (CD73) [ Homo sapiens ]
<b>Official Symbol</b>	NT5E
<b>Synonyms</b>	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;
<b>Gene ID</b>	4907
<b>mRNA Refseq</b>	NM_001204813
<b>Protein Refseq</b>	NP_001191742
<b>MIM</b>	129190
<b>UniProt ID</b>	P21589

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