

## 32-4348: Recombinant Human 5'-Nucleotidase Ecto (CD73)

**Alternative Name :** NT,eN,NT5,NTE,eNT,CD73,E5NT,5'-nucleotidase,5'-NT,Ecto-5'-nucleotidase,NT5E.

### Description

Source : E.coli. NT5E (CD73) Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 247 amino acids (27-252 a.a) and having a molecular mass of 27kDa. NT5E (CD73) is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NT5E, also known as CD73, is a plasma membrane protein which catalyzes the conversion of extracellular nucleotides into membrane-permeable nucleosides. NT5E is functions as a determinant of lymphocyte differentiation. Defects in NT5E can cause the calcification of joints and arteries.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 10 µg  |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.  |
| <b>Content :</b>           | NT5E (CD73) protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.   |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SGLVPRGSH MWELTILHTN DVHSRLEQTS EDSSKCVNAS RCMGGVARLF<br>TKVQQIRRAE PNVLLLDAGD QYQGTIWFTV YKGAEVAHFM NALRYDAMAL GNHEFDNGVE GLIEPLLKEA<br>KFPILSANIK AKGPLASQIS GLYLPYKVLV VGDEVVGVIG YTSKETPFLS NPGTNLVFED EITALQPEVD<br>KLKTLNVNKI IALGHSGFEM DKLIAQKVRG VDVVVGGHSN TFLYTGN. |

