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NT5E (CD73) Human

5'-Nucleotidase Ecto (CD73) Human Recombinant
CDA0144

Product Overview

Name	NT5E (CD73) Human

Description

5'-Nucleotidase Ecto (CD73) Human Recombinant

Accession (Primary)	P21589

Synonyms

NT, eN, NT5, NTE, eNT, CD73, E5NT, 5'-nucleotidase, 5'-NT, Ecto-5'-nucleotidase, NT5E.

Introduction

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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

NT5E (CD73) protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH M WELTILHTN DVHSRLEQTS EDSSKCVNAS RCMGGVARLF TKVQQIRRAE PNVLLLDAGD QYQGTIWFTV YKGAEVAHFM NALRYDAMAL GNHEFDNGVE GLIEPLLKEA KFPILSANIK AKGPLASQIS GLYLPYKVLP VGDEVVGIVG YTSKETPFLS NPGTNLVFED EITALQPEVD KLKTLNVNKI IALGHSGFEM DKLIAQKVRG VDVVVGGHSN TFLYTGN.

Precautions

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NT5E (CD73) Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P21589)