PRODUCT INFORMATION

Expression system E.coli

Domain 27-252aa

UniProt No. P21589

NCBI Accession No. NP_002517

Alternative Names

CD73, 5-NT, 5'-nucleotidase, 5'-nucleotidase ecto, AI447961, E5NT, ecto, eN, eNT, NT, NT5, Nt5e, NTE, 2210401F01Rik

PRODUCT SPECIFICATION

Molecular Weight

27 kDa (247aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity > 90% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

NT5E is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membranepermeable nucleosides. This 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. Recombinant human NT5E protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



NKMAXBio we support you, we believe in your research Recombinant human 5'-Nucleotidase/CD73 protein Catalog Number: ATGP2532

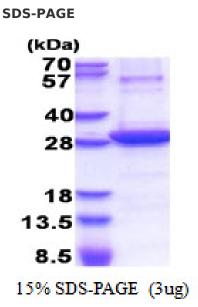
Amino acid Sequence

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

General References

Misumi Y., et al. (1990) Eur. J. Biochem. 191:563-569 Hansen K.R., et al. (1995) Gene. 167:307-312

DATA



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.