

Datasheet for ABIN5853510
CD73 Protein (AA 27-252) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD73 (NT5E)
Protein Characteristics:	AA 27-252
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD73 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MWELTILHTN DVHSRLEQTS EDSSKCVNAS RCMGGVARLF TKVQQIRRAE PNVLLLDAGD QYQGTIWFTV YKGAEVAFM NALRYDAMAL GNHEFDNGVE GLIEPLLKEA KFPILSANIK AKGPLASQIS GLYLPYKVLP VGDEVVGIVG YTSKETPFLS NPGTNLVFED EITALQPEVD KLKTLNVNKI IALGHSGFEM DKLIAQKVRG VDVVVGGHSN TFLYTGN
Purity:	> 90% by SDS-PAGE

Target Details

Target:	CD73 (NT5E)
Alternative Name:	5'-Nucleotidase/CD73 (NT5E Products)
Background:	NT5E is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides

Target Details

to membrane-permeable 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.

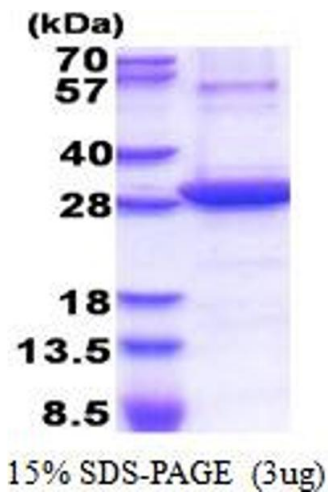
Molecular Weight:	27 kDa (247aa)
NCBI Accession:	NP_002517
UniProt:	P21589
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10 % glycerol, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.