

# Mouse NT5E (CD73) Recombinant Protein



RPPB4129

## Product Information Protein Information

### Product SKU:

RPPB4129

### Accession:

Q61503

### Host:

Sf9, Baculovirus cells.

### Protein description:

NT5E Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 531 amino acids (29-551a.a.) and having a molecular mass of 59.1kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). NT5E is expressed with an 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

5'-nucleotidase (EC:3.1.3.5), 5'-NT, Ecto-5'-nucleotidase, CD73, Nt5e, Nt5, Nte.

### Formulation:

NT5E protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

### Purity:

Greater than 90% as determined by SDS-PAGE.

### 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.

### Amino Acid Sequence:

WELTILHTND VHSRLEQTS D DSTKCLNASL CVGGVARLFT KVQQRKEEP NVLFLDAGDQ YQGTIWFTVY  
KGLEVAHF MN ILGYDAMALG NHEFDNGVEG LIDPLLRNVK FPILSANIKA RGPLAHQISG LFLPSKVLVS  
GGEVVGIVGY TSKETPFLSN PGTNLVFEDE ISALQPEVDK LKTLNVNKKI ALGHSGFEMD KLIAQKVRGV  
DIVVGGHSNT FLYTGNPPSK EVPAGKYPFI VTADDGRQVP VVQAYAFGKY LGYLKVFEFD KGNVITSYGN  
PILLNSSIPE DATIKADINQ WRIKLDNYST QELGRTIVYL DGSTQTCRFR ECNMGNLICD AMINNNLRHP  
DEMFWNHVSM CIVNGGGIRS PIDEKNNGTI TWENLA AVL P FGGTFDLVQL KGSTLKKAFE HSVHRYGQST  
GEFLQVGGIH VVYDINRKPW NRVVQLEVLK TKCRVPIYEP LEMDKVYKVT LPSYLANGGD GFQMIKDELL  
KHDSGDQDIS VVSEYISKMK VVYPAVEGRI KFSLEHHHHH H.

### Biological Activity:

Specific activity is > 8,000 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 1.0 pmole of Adenosine 5-monophosphate to phosphate per minute per minute at pH 7.5 at 25°C.