

## Recombinant Mouse NT5E Protein

Catalog #	Source	Reactivity	Applications
CRP2031	Human cells	Mouse	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Mouse NT5E Protein is produced by our mammalian expression system and the target gene encoding Trp29-Phe550 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 120mM NaCl, 4mM CaCl <sub>2</sub> , 20% Glycerol, pH 7.5.
<b>Gene Symbol</b>	NT5E
<b>Alternative Names</b>	NT5; NTE; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; CD73
<b>Entrez Gene</b>	23959 (Mouse)
<b>SwissProt</b>	Q61503 (Mouse)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	WELTILHTND VHSRLEQTSD DSTKCLNASL CVGGVARLFT KVQQIRKEEP NVLFLDAGDQ YQGTIWFTVY KGLEVAHFMM ILGYDAMALG NHEFDNGVEG LIDPLLRNVK FPILSANIKA RGPLAHQISG LFLPSKVLVS GGEVVGIVGY TSKETPFLSN PGTNLVFEDE ISALQPEVDK LKTLNVNKII ALGHSGFEMD KLIAQKVRGV DIVVGGHSNT FLYTGNPPSK EVPAGKYPII VTADDGRQVP VVAYAFGKYL GYLKVEFDDK GNVITSYGNP ILLNSSIPED ATIKADINQW RIKLDNYSTQ ELGRTIVYLD GSTQTCRFRE CNMGNLICDA MINNNLRHPD EMFWNHVSMC IVNGGGIRSP IDEKNNGTIT WENLAAVLPF GGTFDLVQLK GSTLKKAFEH SVHRYGQSTG EFLQVGGIHV VYDINRKPWN RVVQLEVLCT KCRVPIYEPL EMDKVYKVTL PSYLANGGDG FQMIKDELLK HDSGDQDISV VSEYISKMKV VYPAVEGRI KFHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com

# Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Storage/Stability

Store it at -20°C to -80°C for one year.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## COHESION BIOSCIENCES LIMITED

### WEB

[www.cohesionbio.com](http://www.cohesionbio.com)

### ORDER

[order@cohesionbio.com](mailto:order@cohesionbio.com)

### SUPPORT

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

### CUSTOM

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)