

## Recombinant Human NT5E Protein

Catalog #	Source	Reactivity	Applications
CRP2030	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human NT5E Protein is produced by our Mammalian expression system and the target gene encoding Trp27-Lys547 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, pH7.5.
<b>Gene Symbol</b>	NT5E
<b>Alternative Names</b>	NT5; NTE; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; CD73
<b>Entrez Gene</b>	4907 (Human)
<b>SwissProt</b>	P21589 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	WELTILHTND VHSRLEQTSE DSSKCVNASR CMGGVARLFT KVQQIRRAEP NVLLLDAGDQ YQGTIWFTVY KGAEVAHFMM ALRYDAMALG NHEFDNGVEG LIEPLLKEAK FPILSANIKA KGPLASQISG LYLPYKVLVP GDEVVGVVGY TSKETPFLSN PGTNLVFEDE ITALQPEVDK LKTLNVNKII ALGHSGFEMD KLIAQKVRGV DVVVGGHSNT FLYTGNPPSK EVPAGKYPI VTSDDGRKVP VVQAYAFGKY LGYLKIEFDE RGNVISSHGN PILLNSSIPE DPSIKADINK WRIKLDNYST QELGKTIVYL DGSSQSCRFR ECNMGNLICD AMINNNLRHA DETFWNHVSM CILNGGGIRS PIDERNNGTI TWENLAAVLP FGGTFDLVQL KGSTLKKAFE HSVHRYGQST GEFLQVGGIH VVYDLSRKPG DRVVKLDVLC TKCRVPSYDP LKMDEVYKVI LPNFLANGGD GFQMIKDELL RHDSGDQDIN VVSTYISKMK VIYPAVEGRI KVDHHHHHH
<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

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# 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.

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