

Recombinant Rat CD73 Protein

Catalog #	Source	Reactivity	Applications
CRP3082	Human cells	Rat	E, WB, SDS-PAGE, MS

Description	Recombinant Rat CD73 Protein is produced by mammalian expression system and the target gene encoding Trp29-Lys549 is expressed
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	NT5E
Alternative Names	NT5; NTE; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; CD73
Entrez Gene	58813 (Rat)
SwissProt	P21588 (Rat)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	WELTIMHTND VHSRLEQTSD DSTKCLNASL CVGGVARLFT KVQQIRKEEP NVLLLDAGDQ YQGTIWFTVY KGLEVAHFMM LLYGDAMALG NHEFDNGVEG LIDPLLRNVK FPILSANIKA RGPLAPQISG LYLPYKVLSV GGEVVGIVGY TSKETPFLSN PGTNLVFEDE VTALQPEVDK LKTLNVNKII ALGHSGFEMD KLIAQKVRGV DVVVGGHTNT FLYTGNPPSK EVPAGKYPFI VTSDDGRKVP VVQAYAFGKY LGYLKVEFDD KGNVVTSYGN PILLNSTIRE DAAIKADINQ WRIKLDNYST QELGRTIVYL NGSAQECRFR ECNMGNLICD AMINNNLRHP DEMFWNHVSM CIVNGGGIRS PIDERNNGTI TWENLAAVLP FGGTFLDLVQL KGSTLKKAFE HSVHRYGQST GEFLQVGGIH VVYDISRKPW DRVVQLKVLK TKCRVPIYEP LEMDKVYKVV LPSYLVNGGD GFQMIKDELL KHDSGDQDIS VVSEYISKMK VIYPAVEGRI KVDHHHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize

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

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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