

Product Data Sheet

Recombinant Human NT5E Protein

Catalog #	Source	Reactivity	Applications
CRP2030	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human NT5E Protein is produced by Mammalian expression system and the target gene encoding Trp27-Lys547 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 120mM NaCl, 4mM CaCl2, 20% Glycerol, pH7.5.		
Gene Symbol	NT5E		
Alternative Names	NT5; NTE; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; CD73		
Entrez Gene	4907 (Human)		
SwissProt	P21589 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	WELTILHTND VHSRLEQTSE DSSKCVNASR CMGGVARLFT KVQQIRRAEP NVLLLDAGDQ YQGTIWFTVY KGAEVAHFMM ALRYDAMALG NHEFDNGVEG LIEPLLKEAK FPILSANIKA KGPLASQISG LYLPYKVLPV GDEVVGIVGY TSKETPFLSN PGTNLVFEDE ITALQPEVDK LKTLNVNKII ALGHSGFEMD KLIAQKVRGV DVVVGGHSNT FLYTGNPPSK EVPAGKYPFI VTSDDGRKVP VVQAYAFGKY LGYLKIEFDE RGNVISSHGN PILLNSSIPE DPSIKADINK WRIKLDNYST QELGKTIVYL DGSSQSCRFR ECNMGNLICD AMINNNLRHA DETFWNHVSM CILNGGGIRS PIDERNNGTI TWENLAALVP FGGTFDLVQL KGSTLKKAFE HSHRYGQST GEFLQVGGIH VVYDLSRKPG DRVVKLDVLC TKCRVPSYDP LKMDEVYKVI LPNFLANGGD GFQMIKDELL RHDSGDQDIN VVSTYISKMK VIYPAVEGRI KVDHHHHHH		
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		
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

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com