

Recombinant Human NTM Protein

Catalog #	Source	Reactivity	Applications
CRP2034	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human NTM Protein is produced by our Mammalian expression system and the target gene encoding Gly34-Leu316 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	NTM		
Alternative Names	IGLON2; NT; Neurotrimin; hNT; IgLON family member 2		
Entrez Gene	50863 (Human)		
SwissProt	Q9P121 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	GDATFPKAMD NVTVRQGESA TLRCTIDNRV TRVAWLNIRST ILYAGNDKWC LDPRVVLLSN TQTQYSIEIQ NVDVYDEGPY TCSVQTDNHP KTSRVHLIVQ VSPKIVEISS DISINEGNNI SLTCIATGRP EPTVTWRHIS PKAVGFVSED EYLEIQGITR EQSGDYECSA SNDVAAPVVR RVKVTVNYPP YISEAKGTGV PVGQKGTLCQ EASAVPSAEF QWYKDDKRLI EGKKGVKVEN RPFLSKLIFF NVSEHDYGNV TCVASNKLGH TNASIMLFGE TVLVDHHHHH H		
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 1X PBS. Please aliquot the reconstituted solution to minimize 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.		

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

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

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