

Product Data Sheet

Recombinant Human CD10 Protein

Catalog #	Source	Reactivity	Applications
CRP2585	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD10 Protein is produced by mammalian expression system and the target gene encoding Tyr52-Trp750 is expressed with a 8His tag at the N-terminus.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	MME		
Alternative Names	EPN; Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10		
Entrez Gene	4311 (Human)		
SwissProt	P08473 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	HHHHHHHHYD DGICKSSDCI KSAARLIQNM DATTEPCTDF FKYACGGWLK RNVIPETSSR YGNFDILRDE LEVVLKDV LQ EPKTEDIVAV QKAKALYRSC INESAIDSRG GEPLLKLLPD IYGWPVATEN WEQKYGASWT AEKAIQNLNS KYGKKVLINL FVGTDDKNSV NHVIHIDQPR LGLPSRDYYE CTGIYKEACT AYVDFMISVA RLIRQEERLP IDENQLALEM NKVMELEKEI ANATAKPEDR NDPMLLYNKM TLAQIQNNFS LEINGKPFWS LNFTNEIMST VNISITNEED VVVYAPEYLT KLKPILTKYS ARDLQNLMSW RFIMDLVSSL SRTYKESRNA FRKALYGTTS ETATWRRCAN YVNGNMENAV GRLYVEAAFA GESKHVVEDL IAQIREVFIQ TLDDLTWMDA ETKKRAEEKA LAIKERIGYP DDIVSNDNKL NNEYLELNYK EDEYFENIIQ NLKFSQSKQL KKLREKVDKD EWISGAAVVN AFYSSGRNQI VFPAGILQPP FFSAQQSNSL NYGGIGMVIG HEITHGFDDN GRNFNKDGDL VDWWTQQSAS NFKEQSQCMV YQYGNFSWDL		

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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AGGQHLNGIN TLGENIADNG GLGQAYRAYQ NYIKKNGEEK LLPGLDLNHK QLFFLNFAQV
WCGTYRPEYA VNSIKTDVHS PGNFRIIGTL QNSAEFSEAF HCRKNSYMNP EKKCRVW

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. 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.

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