

Recombinant Human CD10 Protein

Catalog #	Source	Reactivity	Applications
CRP2585	Human cells	Human	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 GEPLKLLPD IYGWPVATEN WEQKYGASWT AEKAI AQLNS KYGKKVLINL FVGTDDKNSV NHVIHIDQPR LGLPSRDYEE CTGIYKEACT AYVDFMISVA RLIRQEERLP IDENQLALEM NKVMELEKEI ANATAKPEDR NDPMLLYNKM TLAQIQNNFS LEINGKPFWS LNFTNEIMST VNISITNEED VVVYAPEYLT KLPILTKYS ARDLQNLMSW RFIMDLVSSL SRTYKESRNA FRKALYGTTS ETATWRRCAN YVNGNMENAV GRLYVEAAFA GESKHVVEDL IAQIREVFIQ TLDDLTWMDA ETKKRAEKA LAIKERIGYP DDIVSNDNKL NNEYLELNYK EDEYFENIIQ NLKFSQSKQL KKLREKVDKD EWISGAAVVN AFYSSGRNQI VFPAGILQPP FFAQQSNSL NYGGIGMVI G 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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Product Data Sheet

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

Please 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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