

Specifications:

Gene:	hCEMIP
Accession:	NP_061159
Insert size:	4099bp
Concentration:	10µg at 0.2µg/µL

hKIAA1199 cDNA Plasmid

**CEMIP cell migration inducing
hyaluronidase 1 [*Homo sapiens*
(human)]**

Also known as: CCSP1; HYBID;
TMEM2L; KIAA1199

Summary:

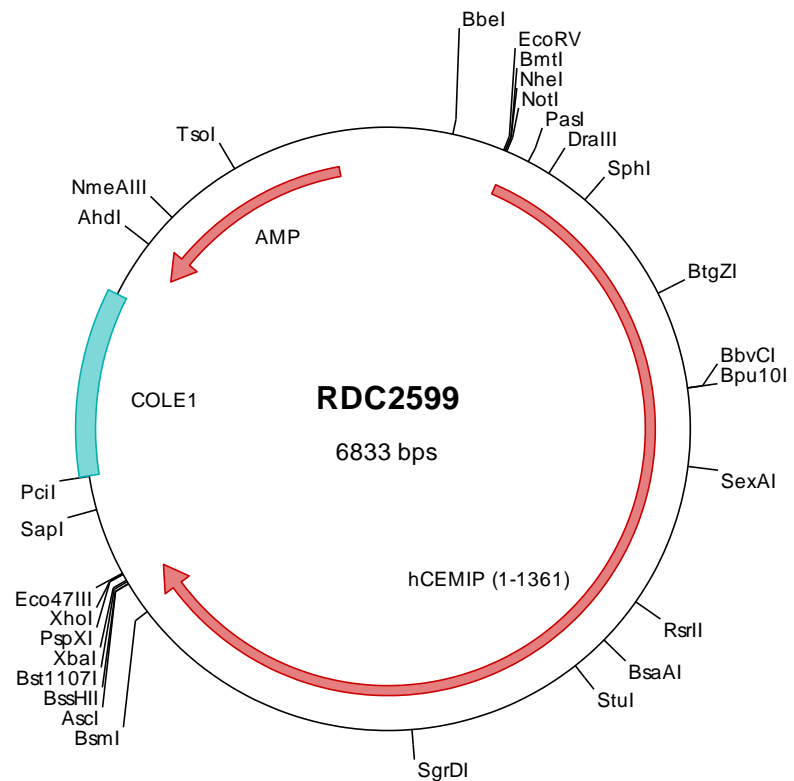
CEMIP mediates depolymerization of hyaluronic acid via the cell membrane-associated clathrin-coated pit endocytic pathway. It hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product, a process that may occur through rapid vesicle endocytosis and recycling without intracytoplasmic accumulation or digestion in lysosomes. CEMIP is also involved in hyaluronan catabolism in the dermis of the skin and arthritic synovium.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> **RDC2599 Translated Insert Sequence**

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1  mgaagrqdf1  fkamltiswl  tltofpfgats  tvaagcpdqs  pelqpwnpgh  dqdhhvhigq  gktllltssa  tvysihiseg  gklvikdhde  pivlrtrhil
101 idnggelhag  salcpfqgnf  tiilygrade  gigpdpuygl  kyigvgkqga  lelhgqkkl5  wtflnktlhp  ggmaeggyff  erswghrgvi  vhvidpksgt
201 vihsdrfdty  rskkeserlv  qylnavpdgr  ilsvavndeg  srnlldmark  amtklgskhf  lhlgrfrhps  fltvkgnpss  svedhieyhg  hrgsaaarvf
301 klfqtehgey  fnvslssewv  qdvewtebfd  hdksvqtkgg  ekisdllwka  pgkicnrpid  iqattmdgvn  lstevvkykg  qdyrfacydr  gracrsyrvr
401 flcgkpvvrpk  lvtvidtnvn  stilnlednv  qswkpgdtlv  iastdysmyq  aeefqvlpcr  scapnqvkv  gkpmylhige  eidgvdmrae  vgllsrniiv
501 mgemedkcyp  yrnhicnffd  fdtfgghikf  algfkaahle  gtelkhmqgq  lvgqypihfh  lagdvdergg  ydpptyirdl  sihhtfsrcv  tvhgsnglli
601 kdvvgyngslg  hcfftedgpe  erntfdhclg  llvksqtlip  sdrdskmckm  itedsygyi  pkprqdcnav  stfwmanpnn  nlincaaags  eetgfwfifh
701 hvptgpsvqm  yspgysehip  lgkfynnrh  snyragmiid  ngvktteasa  kdkrpfliii  sarysphqda  dplkprepai  irhfaiayknq  dhgawlrsgd
801 vwldscrfad  ngigltlasg  gtfpyddgsk  qeiknslfvg  esgnvgtemm  dnriwpgpgl  dhsgrtlpig  qnfpirgiql  ydgpiniqnc  tfrkfvaleg
901 rhtsalafrl  nnawqscphn  nvtgiafedv  pitsrvffge  pppwfnqlm  dgdktsvfhd  vdgsvseypg  syltkndnwl  vrhpdcinvp  dwrgaicsgc
1001 yaqmyiqayk  tsnlrmkiik  ndfpshplyl  egaltrsthy  qqyqpvtlq  kgytihwdqt  apaelaiwli  nfnkgdwirv  glcyprgttf  silsdvhnrl
1101 lkqtsktgvf  vrtlqmdkve  qsyppgrshyy  wdedsqllfl  klkaqnerek  fafcsmkqce  rikikalipk  nagvsdctat  aypkfterav  vdvmpkklf
1201 gsqkktkdhf  levkmesskq  hffhlwndfa  yievdgkky  ssedgiqv  idngqgrvvs  htsfrnsilq  gipwqlfnvy  atipdnsivl  maskgryvvr
1301 gpwtrvlekl  gadrglklke  qmafvgfkgs  frpiwvltldt  edhkakifqv  vipvkvkkk  l

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