

Recombinant Human CES1 Protein

Catalog #	Source	Reactivity	Applications
CRP1288	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CES1 Protein is produced by our Mammalian expression system and the target gene encoding His19-Glu562 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 20mM HAc-NaAc, 150mM NaCl, pH 4.0.

Gene Symbol CES1

Alternative Names CES2; SES1; Liver carboxylesterase 1; Acyl-coenzyme A:cholesterol acyltransferase; ACAT; Brain carboxylesterase hBr1; Carboxylesterase 1; CE-1; hCE-1; Cocaine carboxylesterase; Egasyn; HMSE; Methylumbelliferyl-acetate deacetylase 1; Monocyte/macrophage se

Entrez Gene 1066 (Human)

SwissProt P23141 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure GHPSSPPVVD TVHGKVLGKF VSLEGFAQPV AIFLGIPFAK PPLGPLRFTP PQPAEPWSFV
 KNATSYPPMC TQDPKAGQLL SELFTNRKEN IPLKLSLCL YLNIYTPADL TTKNRLPVMV
 WIHGGGLMVG AASTYDGLAL AAHENVVVVT IQYRLGIWGF FSTGDEHSRG
 NWWGHLQVAA LRWVQDNIAF FGGNPGSVTI FGESAGGESV SVLVLSPLAK NLFHRAISES
 GVALTSVLVK KGDVKPLAEQ IAITAGCKTT TSAVMVHCLR QKTEEELLET TLKMKFLSLD
 LQGDPRESQP LLGTVIDGML LLKTPEELQA ERNFHTVPYM VGINKQEFGW LIPMLMSYPL
 SEGQLDQKTA MSLWKSYPV VCIKELIPE ATEKYLGGTD DTVKKKDLFL DLIADVDFGV
 PSVIVARNHR DAGAPTYMYE FQYRPSFSSD MKPKTVIGDH GDELSVFVA PFLKEGASEE
 EIRLSKMVMK FWANFARNGN PNGEGLPHWP EYNQKEGYLQ IGANTQAAQK

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

LKDKEVAFWT NLFACKAVEK PPQTEVDHHH HHH

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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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