

Carboxylesterase 1 (CES1) Recombinant Protein | CES1 recombinant protein

Eukaryotic Carboxylesterase 1 (CES1)

CATALOG # AAA152025	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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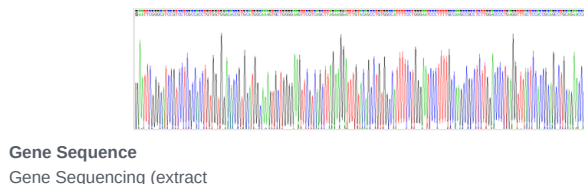
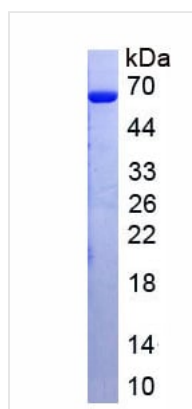
PRODUCT SYNONYMS

Carboxylesterase 1 (CES1); Eukaryotic Carboxylesterase 1 (CES1); CES1/Carboxylesterase 1; ACAT; CEH; CES2; HMSE1; PCE1; SES1; TGH; Retinyl ester hydrolase; Serine esterase 1; Triacylglycerol hydrolase; Egasyn; Cocaine carboxylesterase; Liver Carboxylesterase 1; CES1 recombinant protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Gly18~Leu5 67
Applicable Applications for CES1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Human
Isoelectric Point	6.5
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Endoplasmic reticulum lumen
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



SDS-PAGE
SDS-PAGE

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      GHP  SSPVVDVH  GKVLGKFVSL  EGFAQPVAIF
LGIPFAKPPL  GPLRFTPPQ  AEPWSFVKNA  TSYPPMCTQD  PKAGQLLSEL
FTNRKENIPL  KLSEDCLYLN  IYTPADLTKK  NRLPVMVWIH  GGGLMVGAA
TYDGLALAAH  ENVVVVTIQY  RLGIWGFST  GDEHSRGNWG  HLDQVAALRW
VQDNIAFSGG  NPGSVTIFGE  SAGGESVSVL  VLSPLAKNLF  HRAISESGVA
LTSVLVKKGD  VKPLAEQIAI  TAGCKTTTSA  VMVHCLRQKT  EEELLETTLK
MKFLSLDLQG  DPRESQPLLQ  TVIDGMLLK  TPEELQAERN  FHTVPYMGVI
NKQEFGLIIP  MQLMSYPLSE  QLDQKTAMS  LLWKSYPVLC  IAKELIPEAT
EKYLGGTDDT  VKKKDLFLDL  IADVMFGVPS  VIVARNHRDA  GAPTYMYEFQ
YRPSFSSDMK  PKTVIGDHGD  ELFSVFGAPF  LKEGASEEEI  RLSKMVMKFW
ANFARNGNPN  GEGLPWHPEY  NQKEGYLQIG  ANTQAAQKLK  DKEVAFWNTL
FAKKAVEKPP  QTEHIEL

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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for CES1 recombinant protein	Enzyme & Kinase; Metabolic pathway; Neuro science; Eukaryotic Recombinant proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119576
NCBI GeneID	1066
UniProt Accession #	P23141; P82127; Q00015; Q13657; Q14062; Q16737; Q16788; Q549X7; A6NIM1; A8K3K8; A8K844; E9PAU8
Molecular Weight	567
NCBI Official Full Name	Liver carboxylesterase 1
NCBI Official Synonym Full Names	carboxylesterase 1
NCBI Official Symbol	CES1
NCBI Official Synonym Symbols	CEH; REH; TGH; ACAT; CE-1; CES2; HMSE; SES1; HMSE1; PCE-1; hCE-1
NCBI Protein Information	liver carboxylesterase 1; egasyn; serine esterase 1; retinyl ester hydrolase; cocaine carboxylesterase; triacylglycerol hydrolase; carboxylesterase 2 (liver); brain carboxylesterase hBr1; cholesteryl ester hydrolase; monocyte/macrophage serine esterase; m
UniProt Protein Name	Liver carboxylesterase 1
UniProt Gene Name	CES1
UniProt Synonym Gene Names	CES2; SES1; ACAT; CE-1; hCE-1; REH; TGH
UniProt Entry Name	EST1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/ces1-recombinant-protein-293f-cell-wb-western-blot-sds-page-immunogen-positive-control/152025>