

Carboxylesterase 1 (CES1) Recombinant Protein | CES1 recombinant protein

Recombinant Carboxylesterase 1 (CES1)

CATALOG # AAA152178	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

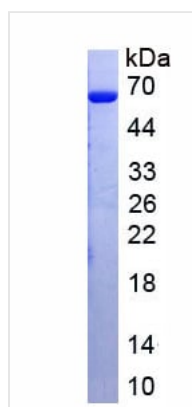
PRODUCT SYNONYMS

Carboxylesterase 1 (CES1); Recombinant 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

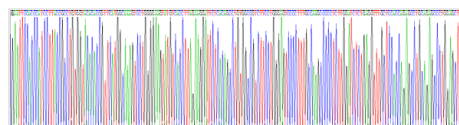
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	His19~Leu5 65
Applicable Applications for CES1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	5.9
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Cytoplasm, 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



Gene Sequence
Gene Sequencing (extract)



SDS-PAGE
SDS-PAGE

```

      HP  SLPPVHTVH  GKVLGKYVTL  EGFSQPVAVF
LGVPFAPKPL  GSLRFAPPEP  AEPWSFVKHT  TSYPPLCYQN  PEALRLAEL
FTNQRIIPH  KFSEDCLYLN  IYTPADLTQN  SRLPVMVNIH  GGLVIDGAS
TYDGVPLAVH  ENVVVVVIQY  RLGIWGFEST  EDEHSRGNMG  HLDQVAALHM
VQDNIANFGG  NPGSVTIFGE  SAGGESVSVL  VLSPLAKNLF  HRATQSSVI
FNPCLFGRAA  RPLAKKIAL  AGCKTTTSA  MVHCLRQKTE  DELLEVSLKM
KFGTVDFLGD  PRESYPFLPT  VIDGVLLPKA  PEEILAEKSF  NTPYVMVGIN
KHEFGWIIPM  FLDPLSERK  LDQKTAASIL  WQAYPILNIS  EKLIPAAIEK
YLGGTEDPAT  MTDLFLDLIG  DIMFGVPSVI  VSRSHRDAGA  PTYMYEQYR
PSFVSDDRPO  ELLGDHADEL  FSVNGAPFLK  EGASEEEINL  SKMVMKFWAN
FARNGNPNGE  GLPHMPEYDQ  KEGYLQIGVP  AQAAHRLKDK  EVDFWTELRA
KETAERSSHR  EHVEL

```

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for CES1 recombinant protein	Enzyme & Kinase; Metabolic pathway; Neuro science; Prokaryotic Recombinant proteins/RP
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	162287349
NCBI GeneID	12623
NCBI Accession #	NP_067431.2
NCBI GenBank Nucleotide #	NM_021456.4
UniProt Accession #	Q8VCC2; O55136
Molecular Weight	62,680 Da
NCBI Official Full Name	liver carboxylesterase 1
NCBI Official Synonym Full Names	carboxylesterase 1G
NCBI Official Symbol	Ces1g
NCBI Official Synonym Symbols	Ces1; Ces-1; Ses-1
NCBI Protein Information	liver carboxylesterase 1
UniProt Protein Name	Liver carboxylesterase 1
UniProt Gene Name	Ces1
UniProt Synonym Gene Names	Ces1g

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-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152178>