

Carboxylesterase 1 (CES1) Active Protein | CES1 active protein

Active Carboxylesterase 1 (CES1)

CATALOG # AAA153114	HOST 293F Cell	APPLICATIONS Activity Assay, Cell Culture
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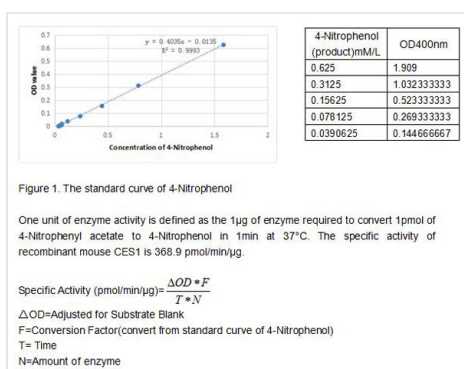
PRODUCT SYNONYMS

Carboxylesterase 1 (CES1); Active Carboxylesterase 1 (CES1); Carboxylesterase 1; CES1 active protein (eukaryotic; 293F Cell); Mouse; ACAT; CEH; CES2; HMSE1; PCE1; SES1; TGH; Retinyl ester hydrolase; Serine esterase 1; Triacylglycerol hydrolase; Egasyn; Cocaine carboxylesterase; Liver Carboxylesterase 1; CES1 active protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	His19~Leu565
Applicable Applications for CES1 active protein	Activity Assay, Cell Culture
Expression System	Eukaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.9
Research Area	Enzyme & Kinase
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

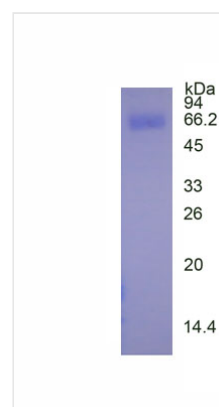


Bioactivity

carboxylesterase 1(CES1) also known as Liver carboxylesterase 1 is a serine esterase and member of a large multigene carboxylesterase family. The protein Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Hydr

SDS-PAGE

Figure. SDS-PAGE



ADDITIONAL INFORMATION

Product Categories/Family for CES1 active protein	Active proteins
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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.

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Online datasheet: <https://www.aaabiotech.com/293f-active-protein/carboxylesterase-1-ces1/153114>