

Datasheet for ABIN7320480

Carboxylesterase 2E (CES2E) protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Carboxylesterase 2E (CES2E)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Recombinant Mouse Carboxylesterase 2E/CES2E Protein (His Tag)
Sequence:	Met1-His556
Characteristics:	Recombinant Mouse Carboxylesterase 2E is produced by our Mammalian expression system and the target gene encoding Met1-His556 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Carboxylesterase 2E (CES2E)
Alternative Name:	Carboxylesterase 2E/CES2E (CES2E Products)
Background:	Background: Carboxylesterase 5 (CES5), also called cauxin or CES7, is a member of carboxylesterases family which plays an important role in the hydrolysis of ester and amide bonds. Carboxylesterase is a type of enzyme that capable of hydrolyzing a variety of carboxylic

Target Details

acid esters and it's widely distributed in cells especially in mammalian liver. CES5 is with broad substrate specificity ranging from small molecule esters to longchain fatty acid esters and thioesters. It has been previously reported CES5 was in high concentrations in the urine (cauxin) of adult male cats, and within a protein complex of mammalian male epididymal fluids. Roles for CES5 may include regulating urinary levels of male cat pheromones, catalyzing lipid transfer reactions within mammalian male reproductive fluids, and protecting neural tissue from drugs and xenobiotics.

Synonym: Pyrethroid hydrolase Ces2e, carboxylesterase 2E,
Ces5,1700081L16Rik,1700122C07Rik,BB081581,cauxin,Ces7,Gm503

Molecular Weight: 62.9 kDa

UniProt: [Q8BK48](#)

Application Details

Restrictions: For Research Use only

Handling

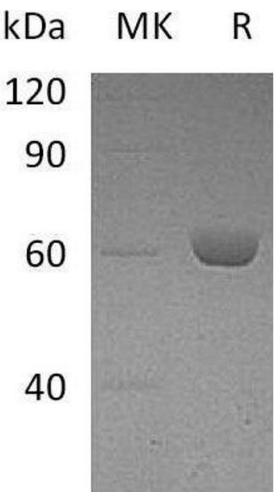
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.