9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-8613: Recombinant Mouse Carboxylesterase 2E/CES2E (C-6His)

Gene : Ces2e
Gene ID : 234673
Uniprot ID : Q8BK48

Description

Source: Human Cells.
MW :62.9kD.
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. 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 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MPLYKLLGWLNAVACGVLLLVLHVQGQDSASPIRNTHTGQVRGSLVHVKDTDIAVHTFLGIPFAKPPVGPLRFA PPEAPEPWSGVRDGTSHPNMCLQNDNLMGSEDLKMMNLILPPISMSEDCLYLNIYVPAHAHEGSNLPVMVWIH GGALTVGMASMYDGSMLAATEDVVVVAIQYRLGVLGFFSTGDQHAKGNWGYLDQVAALRWVQQNIVHFGG NPDRVTIFGESAGGTSVSSHVVSPMSQGLFHGAIMESGVAVLPDLISSSSEMVHRIVANLSGCAAVNSETLMCC LRGKNEAEMLAINKVFKIIPGVVDGEFLPKHPQELMASKDFHPVPSIIGINNDEYGWILPTIMDPAQKIEEITRKTLP AVLKSTALKMMLPPECGDLLMEEYMGDTEDPETLQAQFREMKGDFMFVIPALQVAHFQRSHAPVYFYEFQHRP SFFKDFRPPYVKADHGDEIFLVFGYQFGNIKLPYTEEEEQLSRRIMKYWANFARHGNPNSEGLPYWPVMDHDE QYLQLDIQPSVGRALKARRLQFWTKTLPQKIQELKGSQERHVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.