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32-6697: CES2E Mouse

Application : Functional Assay
Alternative Name : 9030624L02Rik, Ces5, Ces2e.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Carboxylesterase 2E or CES2E is an enzyme that hydrolyzes various carboxylic acid esters. This enzyme can be found mainly in mammalian liver cells. CES2E is taking part in chemical reactions, especially in carboxylic ester and water catalyzation to alcohol & carboxylate.
CES2E Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 541 amino acids (27-559 aa) and having a molecular mass of 60.5kDa.CES2E is fused to a 8 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The CES2E solution (0.25 mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	QDSASPIRNT HTGQVRGSLV HVKDTDIAVH TFLGIPFAKP PVGPLRFAPP EAPEPWSGVR DGTSHPNMCL QNDNLMGSED LKMMNLILPP ISMSEDCLYL NIYVPAHAHE GSNLPVMVWI HGGALTVGMA SMYDGSMLAA TEDVVVVAIQ YRLGVLGFFS TGDQHAKGNW GYLDQVAALR WVQQNIVHFG GNPDRVTIFG ESAGGTSVSS HVVSPMSQGL FHGAIMESGV AVLPDLISSSSEMVHRIVAN LSGCAAVNSE TLMCCLRGKN EAEMLAINKV FKIIPGVVDG EFLPKHPQEL MASKDFHPVP SIIGINNDEY GWILPTIMDP AQKIEEITRK TLPAVLKSTA LKMMLPPECG DLLMEEYMGD TEDPETLQAQ FREMKGDFMF VIPALQVAHF QRSHAPVYFY EFQHRPSFFK DFRPPYVKAD HGDEIFLVFG YQFGNIKLPY TEEEEQLSRR IMKYWANFAR HGNPNSEGLP YWPVMDHDEQ YLQLDIQPSV GRALKARRLQ FWTKTLPQKI QELKGSQERH KELLEHHHHH H

Application Note

Specific activity is > 30unit/mg, and is defined as the amount of enzyme that hydrolyze 1.0 umole of pnitrophenyl acetate to p-nitrophenol per minute at pH 7.5 at 25CÃ□Â°.

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