

Recombinant Human CES3 cell lysate

Cat. No. CES3-636HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Carboxylesterase 3 is a member of a large multigene family. The enzymes encoded by these genes are responsible for the hydrolysis of ester- and amide-bond-containing drugs such as cocaine and heroin. They also hydrolyze long-chain fatty acid esters and thioesters. The specific function of this enzyme has not yet been determined; however, it is speculated that carboxylesterases may play a role in lipid metabolism and/or the blood-brain barrier system.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CES3 carboxylesterase 3 [Homo sapiens]
Official Symbol	CES3
Synonyms	CES3; carboxylesterase 3; carboxylesterase 3 (brain); brain carboxylesterase BR3; ES31; esterase 31; FLJ21736; liver carboxylesterase 31 homolog;

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Gene ID	23491
mRNA Refseq	NM_001185176
Protein Refseq	NP_001172105
MIM	605279
UniProt ID	Q6UWW8
Chromosome Location	16q22.1
Pathway	E2F transcription factor network, organism-specific biosystem;
Function	carboxylesterase activity; hydrolase activity; methyl indole-3-acetate esterase activity; methyl jasmonate esterase activity; methyl salicylate esterase activity; retinyl-palmitate esterase activity;

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