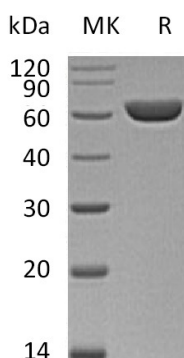


概述 (Summary)

英文全称	CES3/Carboxylesterase-3/CES1D
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse Carboxylesterase 3 is produced by our Mammalian expression system and the target gene encoding Tyr19-Glu561 is expressed with a 6His tag at the C-terminus.
Accession #	Q8VCT4
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	62.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse CES3 (C-6His)
Catalog #: PHM0398



背景 (Background)

分子别名 (Alternative Names)

CES3; carboxylesterase 3; carboxylesterase 3 (brain); EC 3.1.1; EC 3.1.1.1; ES31FLJ21736; Esterase 31; Liver carboxylesterase 31 homolog

背景介绍 (References)

Mouse Carboxylesterases 3 (CES3) is a member of five families of mammalian carboxylesterases that plays a role in catalyzing hydrolytic and transesterification reactions with xenobiotics, anticancer pro-drugs and narcotics, and detoxifying organophosphates and insecticides. Mammalian carboxylesterases are enzymes with broad substrate specificities ranging from small molecule esters to longchain fatty acid esters. It is shown that CESs has key roles in the metabolism of a wide variety of clinical drugs, illicit narcotics and chemical nerve agents. CES3 is broadly expressed in liver, colon and brain.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.