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Ces1g, 19-565aa, Mouse, His tag, Baculovirus

产品货号: TP01584

第三版

别名: Liver carboxylesterase 1, CES1G, Ces-1, Ces1, Ses-1

描述: CES1G, also known as liver carboxylesterase 1, is a member of a large family of carboxylesterases that are responsible for the hydrolysis of ester and amide bonds. CES1G shares the serine hydrolase fold observed in other esterases. It is a rat and mouse specific protein that is expressed predominantly in liver, but also in kidney and lung. Recombinant mouse CES1G, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 61.9kDa (556aa), 50-70kDa (SDS-PAGE under reducing conditions.)

序列:

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ADPHPSLPPVVHTVHGKVLGKYVTLEGFSQPVAVFLGVPFAPKPLGSLRFAPPEPAEPWSFVKHTTSYPPLCYQNPEAALRL  
AELFTNQRKIIPHKFSEDCLYLNIYTPADLTQNSRLPVMVWIHGGGLVIDGASTYDGVPLAVHENVVVVVIQYRLGIWGF  
FSTEDHSRGNWGHLDQVAALHWVQDNIANFGGNPGSVTIFGESAGGESVSVLVLSPLAKNLFHRAIAQSSVIFNPCLFG  
RAARPLAKKIAALAGCKTTTSAAMVHCLRQKTEDELLEVSLKMKFGTVDFLGDPRESYPFLLPTVIDGVLLPKAPEEILAEKSF  
NTVPYMGINKHEFGWIIPMFLDFPLSERKLDQKTAASILWQAYPILNISEKLIPAAIEKYLGGETDPATMTDLFLDLIGDIM  
FGVPSVIVSRSHRDAGAPTYMYEYQYRPSFVSDRPQELLGDHADELFSVWGAPFLKEGASEEEINLSKMVMKFWANFAR  
NGNPNGEGLPHWPEYDQKEGYLQIGVPAQAAHRLKDKEVDFWTELRAKETAERSSHREHVELHHHHHH
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纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.