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Ces1d, 19-565aa, Mouse, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP01583

第三版

别名: Carboxylesterase 1D, Ces1d, Ces3, TGH

描述: Ces1d, also known as carboxylesterase 1D, is a member of a large family of carboxylesterases that are responsible for the hydrolysis of ester and amide bonds. It is the principle lipase of white adipose tissue fat cake extracts. Partially purified white adipose tissue Ces1d had lipase activity as well as lesser but detectable neutral cholesteryl ester hydrolase activity. The protein shows low catalytic efficiency for hydrolysis of CPT-11, a prodrugs for camptothecin used in cancer therapeutics. Recombinant mouse Ces1d, 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: 60.9kDa (555aa), 50-70KDa (SDS-PAGE under reducing conditions.)

序列:

YPSSPPVVNTVKGKVLGKYVNLEGFTQPVAVFLGVFPAKPLGSLRFAPPQPAEPWSFVKNTTSYPPMCSQDAVGGQVLSE
LFTNRKENIPLQFSEDCLYLNIYTPADLTKNSRLPVMVWIHGGGLVVGASTYDGLALSAHENVVVVTIQYRLGIWGFST
GDEHSRGNWGHLDQVAALRWVQDNIANFGGNPGSVTIFGESAGGFVSVLVLSPLAKNLFHRAISESGVSLTAALITTDV
KPIAGLVATLSGCKTTTSAVMVHCLRQKTEDELLETSLKLNLFKDLLGNPKESYPFLPTVIDGVVLPKAPPEILAEKSFSTVP
YIVGINKQEFGWIIPTLMGYPLAEGKLDQKTANSLWKSYP TLKISENMIPVVAEKYLG GTDDLTKKKDLFQDL MADVVF
GVPSVIVSRSHRDAGASTYMYEFYRPSFVSAMRPKAVIGDHGDEIFSVFGSPFLKDGASEETNLSKMVMKFWANFARNG
NPNGGGLPHWPEYDQKEGYLKIGASTQAAQRLKDKEVSFWAELRAKESAQRPSHREHVELLEHHHHHH

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.