

Recombinant Mouse CES1D Protein

Catalog #	Source	Reactivity	Applications
CRP1289	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CES1D Protein is produced by our mammalian expression system and the target gene encoding Tyr19-Glu561 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.		
Gene Symbol	CES1D		
Alternative Names	Ces1; Ces3; Carboxylesterase 1D; Carboxylesterase 3; Fatty acid ethyl ester synthase; FAEE synthase; Triacylglycerol hydrolase; TGH		
Entrez Gene	104158 (Mouse)		
SwissProt	Q8VCT4 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>YPSSPPVVNT VKGKVLGKYV NLEGFTQPVA VFLGVPFAPK PLGSLRFAPP QPAEPWSFVK NTTSYPPMCS QDAVGGQVLS ELFTNRKENI PLQFSEDCLY LNIYTPADLT KNSRLPVMVW IHGGGLVVGG ASTYDGLALS AHENVVVVTI QYRLGIWGGFF STGDEHSRGN WGHLDQVAAL RWVQDNIANF GGNPGSVTIF GESAGGFSVS VLVLSPLAKN LFHRAISESG VSLTAALITT DVKPIAGLVA TLSGCKTTTS AVMVHCLRQK TEDELLETSL KLNLFKLDLL GNPKESYPFL PTVIDGVVLP KAPEEILAEK SFSTVPYIVG INKQEFGWII PTLMGYPLAE GKLDQKTANS LLWKSYP TLK ISENMIPVVA EKYLGGTDDL TKKKDLFQDL MADVVFVGVPS VIVRSRHRDA GASTYMYEFE YRPSFVSAMR PKAVIGDHGD EIFSVFGSPF LKDGASEEET NLSKMVMKFW ANFARNGNPN GGGLPHWPEY DQKEGYLKIG ASTQAAQRLK DKEVSFWAEL RAKESAQRPS HREVDHHHHH H</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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