

Mouse CES1D Recombinant Protein



RPPB1487

Product Information Protein Information

Product SKU:

RPPB1487

Accession:

Q8VCT4

Host:

Sf9, Baculovirus cells.

Protein description:

CES1D Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 555 amino acids (19-565 a.a) and having a molecular mass of 60.9kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).CES1D is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Carboxylesterase 1D, Carboxylesterase 3 (EC:3.1.1.1, EC:3.1.1.67), Fatty acid ethyl ester synthase, FAEE synthase, Triacylglycerol hydrolase, TGH, CES1D.

Formulation:

CES1D protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

YPSSPPVVNT VKGKVLGKYV NLEGFTQPVA VFLGVPFAPK PLGSLRFAPP QPAEPWSFVK NTTSYPPMCS
QDAVGGQVLS ELFTNRKENI PLQFSEDCLY LNIYTPADLT KNSRLPVMVW IHGGGLVVGG ASTYDGLALS
AHENVVVVTI QYRLGIWGF STGDEHSRGN WGHLDQVAALRWVQDNIANF GGNPGSVTIF GESAGGFSVS
VLVLSPLAKN LFHRAISESG VSLTAALITT DVKPIAGLVA TLSGCKTTTS AVMVHCLRQK TEDELLETSL
KLNLFKLDLL GNPKESYPFL PTVIDGVVLP KAPEEILAEK SFSTVPYIVG INKQEFGWII PTLMGYPLAE
GKLDQKTANSLWKSYPYTLK ISENMIPVVA EKYLGGTDDL TKKKDLFQDL MADVVFVGVPS VIVSRSHRDA
GASTYMYEFE YRPSFVSAMR PKAVIGDHGD EIFSVFGSPF LKDGASEEET NLSKMVMKFW ANFARNGNPN
GGGLPHWPEY DQKEGYLKIG ASTQAAQRLK DKEVSFWAEL RAKESAQRPSHREHVELLEH HHHHH.

Biological Activity:

Specific activity is > 80,000 pmol/min/ug and is defined as the amount of enzyme that hydrolyze 1pmole of p-nitrophenyl acetate to p-nitrophenol per minute at pH 7.5 at 37C.