

Mouse CES1G Recombinant Protein



RPPB1486

Product Information Protein Information

Product SKU:

RPPB1486

Accession:

Q8VCC2

Host:

Sf9, Baculovirus cells.

Protein description:

CES1G produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 556 amino acids (19-565 a.a.) and having a molecular mass of 61.9kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions). CES1G is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Liver carboxylesterase 1, Acyl-coenzyme A:cholesterol acyltransferase, Carboxylesterase 1G, ES-x, CES1G.

Formulation:

CES1G protein solution (0.5mg/ml) containing 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:

ADPHPSLPPV VHTVHGKVLG KYVTLEGFSQ PVAVFLGVPF AKPPLGSLRF APPEPAEPWS FVKHTTSYPP
LCYQNPEAAL RLAELFTNQR KIIPHKFSED CLYLNIYTPA DLTQNSRLPV MWWIHGGGLV IDGASTYDGV
PLAVHENVVV VVIQYRLGIW GFFSTEDEHS RGNWGHLDQV AALHWWQDNI ANFGGNGPGSV TIFGESAGGE
SVSVLVLSPL AKNLFHRAIA QSSVIFNPCL FGRAARPLAK KIAALAGCKT TTSAMMVHCL RQKTEDELLE
VSLKMKFGTV DFLGDPRESY PFLPTVIDGV LLPKAPEIL AEKSFNTVPY MVGINKHEFG WIIPMFLDFP
LSERKLDQKT AASILWQAYP ILNISEKLIP AAIEKYLGGT EDPATMTDLF LDLIGDIMFG VPSVIVSRSH
RDAGAPTYMY EYQYRPSFVS DDRPQELLGD HADELFSVWG APFLKEGASE EEINLSKMVM KFWANFARNG
NPNGEGLPHW PEYDQKEGYL QIGVPAQAAH RLKDKVEDFW TELRAKETAE RSSHREHVEL HHHHHH.

Biological Activity:

Specific activity is > 2,000 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.