



Carboxylesterase 1G Mouse Recombinant

Item Number rAP-1099

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

CES1G.

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 pro-

Uniprot Accesion Number Q8VCC2

Amino Acid Sequence ADPHPSLPPV

VHTVHGKVLG KYVTLEGFSQ PVAVFLGVPF AKPPLGSLRF APPEPAEPWS FVKHTTSYPP LCYQNPE-

AAI

RLAELFTNQR KIIPHKFSED CLYLNIYTPA DLTQNSRLPV MVWIHGGGLV IDGASTYDGV PLAVHENVVV VVIQYRLGIW GFFSTEDEHS RGNWGHLDQV AALHWVQDNI ANFGGNPGSV TIFGESAGGE SVSVLVL-

SP

AKNLFHRAIA QSSVIFNPCL FGRAARPLAK KIAALAGCKT TTSAAMVHCL RQKTEDELLE VSLKMKFGTV DFLGDPRESY PFLPTVIDGV LLPKAPEEIL AEKSFNTVPY MVGINKHEFG WIIPMFLDFP LSERKLDQKT

Source Sf9.

Baculovirus cells.

Physical Appearance

and Stability

Sterile Filtered colorless solution. 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.

Formulation and Purity CES1G protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Greater

than 90.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only