

Mouse CEL Recombinant Protein



RPPB1484

Product Information Protein Information

Product SKU:

RPPB1484

Accession:

Q64285

Host:

Sf9, Baculovirus cells.

Protein description:

CEL Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 585 amino acids (21-599 aa) and having a molecular mass of 64.5kDa. CEL is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Bile salt-activated lipase, BAL, EC 3.1.1.13, EC 3.1.1.3, Bile salt-stimulated lipase, BSSL, Bucelipase, Carboxyl ester lipase, Cholesterol esterase, Pancreatic lysophospholipase, Sterol esterase, CEL, FAP, BSD, CELL, FAPP, LIPA, Cease, MODY8.

Formulation:

The CEL solution (0.5 mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

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:

AKLGAVYTEG GFVEGVNKKL SLLGGDSVDI FKGIPFATAK TLENPQRHPG WQGTKATNFKKRCLQATIT
QDNTYGQEDC LYLNIWVPQG RKQVSHNLPV MVWIYGGAFI MSGGQGANFLKNLYDGEEI ATRGNVIVVT
FNYRVGPLGF LSTGDANLPG NFGLRDQHMA IAWVKRNIAAFGGDPDNITI FGESAGAASV SLQTLSPYNK
GLIRRAISQS GMALSPWAIQ KNPLFWAKTIKKVGCPTED TGKMAACKLI TDPRALTLAY KLPVKKQEYP
VVHYLAFIPV IDGDFIPDDPINLYNNTADI DYIAGINNMD GHLFATIDVP AVDKTKQTVT EEDFYRLVSG
HTVAKGLKGAQATFDIYTES WAQDPSQENM KKTVVAFETD VLFLIPTEIA LAQKHAHAKS
AKTYSYLFPSRMPYIPKW MGADHADDLQ YVFGKPFATP LGYRPQDRAV SKAMIAYWTN
FARSGDPNMGNSPVPTHWYP YTLNGNYLD ITKTITSASM KEHLREKFLK FWAVTFEVLV
TVTGDQDQLTPPEDDSEVAP DPPSDDSQVV PVPPTDSDVE AQMPATIGFH HHHHH

Biological Activity:

Specific activity is > 100,000 pmol/min/ug. Measured by the amount of enzyme that hydrolyze 1.0 umole of p-nitrophenyl butyrate to p-nitrophenol per minute at pH7.5 at 25°C.