



Recombinant Rat Liver carboxylesterase 4

Product Code	CSB-EP720679RA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q64573
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	NP SSPPVVDTTK GKVLGKYVSL EGVTSQSVAVF LGVPFAKPPL GSLRFAPPQP AEPWSFVKNT TTYPPMCSQD AAKGQRMNDL LTNRKEKIHL EFSEDCLYLN IYTPADFTKN SRLPVMVWIH GGGMTLGGAS TYDGRVLSAY ENVVVVAIQY RLGIWGGFFST GDEHSRGNWG HLDQVAALHW VQDNIANFGG DPGSVTIFGE SAGGFSVSVL VLSPLTKNLF HRAISESGVV FLPGLLTKDV RPAAKQIADM AGCETTTSAI IVHCLRQKTE EELLEIMKKM NLIKSSSQRD NKESYHFLST VVDNVVLPKD PKEILAEKNF NTPYIVGIN KQECGWLLPT MMGFVPADVE LDKKMAITLL EKFAASYGIP EDIIPVAIEK YRKGSDDSIK IRDGILAFIG DVSFSIPSV MVS RDHRDAGA PTYMYEYQYY PSFSSPQRPK HVVGDHADDL YSVFGAPILR DGASEEEIKL SKMVMKFWAN FARNGNPNGR GLPHWPQYDQ KEEYLQIGAT TQQSQRLKAE EVAFWTQLLA KRQPQPHHNE L
Source	E.coli
Protein Names	Recommended name: Liver carboxylesterase 4 EC= 3.1.1.1 Alternative name(s): Carboxylesterase ES-4 Kidney microsomal carboxylesterase Microsomal palmitoyl-CoA hydrolase
Expression Region	19-561
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.