

LIPG, 21-340aa, Human, His tag, E.coli

Cat.NO.: TP02834

3th Edition

Synonyms:Endothelial lipase precursor , Lipase, endothelial, EDL, EL, PRO719

Description:LIPG has substantial phospholipase activity and may be involved in lipoprotein metabolism and vascular biology. This protein is designated a member of the TG lipase family by its sequence and characteristic lid region which provides substrate specificity for enzymes of the TG lipase family. Recombinant human LIPG protein, fused to His-tag at N-terminus, was expressed in E.coli .

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Molecular Weight:38.0 kDa (343aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSSPVVPGPEGRLEDKLNKPKATQTEVKPSVRFNLRTSKDPEHEGCVLSVGHS
QPLEDCSFNMTAKTFFIIHGWTMSGIFENWLHKLVSALHTREKDANVVVDWLPLAHQLYTDVNNTRVVGHSIAR
MLDWLQEKDDFSLGNVHLIGYSLGAHVAGYAGNFVKGTVGRITGLDPAGPMFEGADIIHKRLSPDDADFVDVLHTYT
RSFGLSIGIQMPVGHIDIYPNGGDFQPGCGLNDVLGSIAYGTITEVVKCEHERAVHLFVDSLQKPSFAFQCTDS
NRFKKGICLSCRKNRCNSIGYNAKKMRNKRNSKMYLKTRA

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.