

CLC, 1-142aa, Human, His tag, E.coli

Cat.NO.: TP01635

3th Edition

Synonyms:Eosinophil lysophospholipase, Galectin 10, Gal-10, GAL10, LGALS10, LGALS10A, LPPL

Description:Eosinophil lysophospholipase (CLC), also known as Galectin 10, act on biological membranes to regulate the multifunctional lysophospholipids. CLC is a lysophospholipase expressed in eosinophils and basophils. It hydrolyzes lysophosphatidylcholine to glycerophosphocholine and a free fatty acid.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Molecular Weight:18.6 kDa (162aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSLLPVYPYEAASLSTGSTVTIKGRPLACFLNEPYLQVDFHTEMKEESDIVFHFQV
CFGRRVVMNSREYGAWKQQVESKNMPFQDQGEFELSISVLPDKYQVMVNGQSSYTFDHRIKPEAVKMQVWRDI
SLTKFNVSYLKR

Purity:> 95% by HPLC

Concentration:0.5 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.