

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

GCLM, 1-274 aa, Human, His tag, E.coli

产品货号: TP02212

第三版

别名: Glutamate-cysteine ligase, modifier subunit, GLCLR.

描述: Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.15M NaCl

分子量: 33.3kDa(298aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMGTD SRAAKALLARARTLHLQTGNLLNWGRLRKKCPSTHSEELHDCIQKTLNE
WSSQINPDLVREFPDVLECTVSHAVEKINPDEREEMKVS AKLFIVESNSSSTRSAVDMACSVLGVAQLDSVIIASPIEDGV
NLSLEHLQPYWELENLVQSKKIVAIGTSDLDKTQLEQLYQWAQVKPNSNQVNLASCCVMPPDLTAFKQFDIQLLTHN
DPKELLSEASFQEALQESIPDIQAHEWVPLWLLRYSVIVKSRGIIKSKGYILQAKRRGS

纯度: > 95% by HPLC

浓度: 1 mg/ml

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.