

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。

GSS, 1-474aa, Human, His tag, E.coli

产品货号: TP02346

第三版

别名: Glutathione synthetase, GSHS, GSH synthetase

描述: Glutathione synthetase, also known GSS, is the second enzyme in the glutathione biosynthesis pathway. It catalyses the condensation of gamma-glutamylcysteine and glycine, to form glutathione. Defects in GSS are the cause of glutathione synthetase deficiency (GSS deficiency); also known as 5-oxoprolinuria or pyroglutamic aciduria. It is a severe form characterized by an increased rate of hemolysis and defective function of the central nervous system.

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

分子量: 54.5 kDa (494aa) confirmed by MALDI-TOF

序列:

MGSSHHHHQHSSGLVPRGSHMATNWGSLQDKQQLLEELARQAVDRALAEGVLLRRTSSEVVSYPFTLFPSLVPSA
LLEQAYAVQMDFNLLVDAVSQNAAFLEQTLSSSTIKQDDFTARLFDIHKQVLKEGIAQTVFLGLNRSYMFQRSADGSPAL
KQIEINTISASFGGLASRTPAVHRHVLSVLSKTKEAGKILSNNPSKGLALGIAKAWELYGSPNALVLLIAQEKERNIFDQRAIE
NELLARNIHVIRRTFEDISEKGLDQDRRLFVDGQEIADVYFRDGYMQRQYSLQNWEARLLERSHAAKCPDIATQLAGTK
KVQQELSRPGMLEMLLPQPEAVARLRATFAGLYSLDVGEEGDQAI AEALAAPSRFVLKQREGGGNNLYGEEMVQALK
QLKDSEERASYILMEKIEPEPFENCLLRPGSPARVVQCISELGIFGVYVRQEKTLVMNKHVGHLLRRTKAIEHADGGVAAGV
AVLDNPYPV

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

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.