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PGLS, 1-258aa, Human, His tag, E.coli

产品货号: TP03383

第三版

别名:6-phosphogluconolactonase, 6PGL.

描述:6-phosphogluconolactonase, also known PGLS, is an enzyme in the second step pentose phosphate pathway, which is essential for the synthesis of nucleotide sugars and NADPH, the main source of reducing power. It converts 6-phosphogluconolactone to 6-phosphogluconate. Recombinant human PGLS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

分子量:29.7 kDa (278aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAAPAGLISVFSSSQELGAALQLVAQRAACCLAGARARFALGLSGGSLVSMLARELPA
AVAPAGPASLARWTLGFCDERLVPFDHAESTYGLYRTHLLSRLPIPESQVITINPELPVEEAAEDYAKKLRQAFQGDSIPVFD
LLILGVGPDGHTCSLFPDHPLLQEREKIVAPISDSPKPPPQRVTLTPVLNAARTVIFVATGEGKAAVLKRILEDQEENPLPA
ALVQPHTGKLCWFLDEAAARLLTVPFEKHSTL

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.