

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。

GMPR2, 1-348aa, Human, His tag, E.coli

产品货号: TP02282

第三版

别名:Guanosine monophosphate reductase 2, GMP reductase 2, Guanosine 5'-monophosphate oxidoreductase 2

描述:Guanosine monophosphate reductase 2, also known as GMPR2, is the only known metabolic step by which guanine nucleotides can be converted to the pivotal precursor of both adenine and guanine nucleotides. GMPR2 catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP, and plays a critical role in re-utilization of free intracellular bases and purine nucleosides.

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

分子量:40 kDa (368aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPHIDNDVKLDFKDVLLRPKRSTLKRSEVDLTRSFSFRNSKQTYSGVPIIAANMDTVGTF
EMAKVLCKFSLFTAVHKHYSLVQWQEFAGQNPDCLEHLAASSGTGSSDFEQLEQILEAIPQVKYICLDVANGYSEHFVEFV
KDVRKRFPQHTIMAGNVVTGEMVEELILSGADIKVGIGPGSVCTTRKKTGVGYPQLSAVMCADAAHGLKGHIISDGG
CSCPGDVAKAFGAGADFVMLGGMLAGHSEGGELIERDGKKYKLFYGMSSSEMAMKKYAGGVAEYRASEGKTVEVPFKG
DVEHTIRDILGGIRSTCTYVGA AKLKELSRRTTFIRVTQQVNPIFSEAC

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.