

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

GMPS, 1-693aa, Human, His tag, E.coli

产品货号: TP02283

第三版

别名:GMP synthase [glutamine-hydrolyzing]

描述:GMP synthase, also known as GMPS, is involved in purine biosynthesis. Existing as a homodimer, GMPS catalyzes the last step in the GMP synthesis pathway, namely the ATP-dependent amination of XMP to GMP. GMPS contains one GMP-binding domain and one glutamine amidotransferase type-1 domain through which it conveys its catalytic activity.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

分子量:79.2 kDa (717aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSHMALCNGD SKLENAGGDLKDGHHHYEGAVVILDAGA QYGKVIDRRVRELFVQS  
EIFPLETPAFAIKEQGFR AIIISGGPNSVYAEDAPWFDPAIFTIGKPV LGICYGMQMMNKVFGGTVHKKS VREDGVFNISVD  
NTCSLFRGLQKEEVLL THGDSVDK VADGFKVVARSGNIVAGIANESKKLYGAQFHPEVGLTENGKVILKNFLYDIAGCS  
GTFTVQNRELECI REIKERVGTSKVLVLLSGGVDSTVCTALLNRALNQE QVIAVHIDNGFMRKRESQSVEEALKKLGIQVK  
VINAAHSFYNGTTTTL PISDEDRTPRKRISKTLNMTTSPEEKRK IIGDTFVKIANEVIGEMNLKPEEVFLAQGTLRPD LIESASLV  
ASGKAELIKTHHNDTE LIRKLREEGKVI EPLKDFHKDEV RILGRELGLPEELVSRHPFPGPLAIRVICA EEPYICKDFPETN NI  
LKIVADFSASVKKPHT LLQRVKACTTEEDQE KLMQITSLHSLNAFL LPIKTVGVQGD CRSSYSYVCGISSKDEPDWESLIFLAR  
LIPRMCHNVNRV VYIFGPPVKEPPTDVTPTFLTTGVLSTLRQADFEAHN IRESGYAGKISQMPVILTPLHFDRDPLQKQPS  
CQRSVVIRTFITSDFM TGIPATPGNEIPVEVVLK MVTEIKKIPGISRIMYDLT SKPPGTTEWE
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纯度:> 95% by HPLC

浓度:0.5 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.