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GNPNAT1, 1-184aa, Human, His tag, E.coli

产品货号: TP02299

第三版

别名: Glucosamine-phosphate N-acetyltransferase, GNPAT, Gpnat1

描述: Glucosamine-phosphate N-acetyltransferase, also known GNPAT1, belongs to the GNA1 subfamily of the larger acetyltransferase family of proteins. It is localized to the Golgi apparatus and the endosome. It is important for UDPGlcNAc biosynthesis pathway. GNPAT1 catalyzes the synthesis of GlcNAc6P from AcCoA and GlcN6P, a step in the UDP-GlcNAc6P formation pathway

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

分子量: 23.1 kDa (207aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMKPDETPMFDPSLLKEVDWSQNTATFSPAISPTHPGGLVLRPLCTADLNRGFFKVL
GQLTETGVVSPEQFMKSFEHMKKSGDYVTVVEDVTLGQIVATATLIIHKKFIHSCAKRGRVEDVVVSDECRGKQLGKLL
LSTLTLLSKKLNKYKITLECLPQNVGFYKKFGYTVSEENYMCRRFLK

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.