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NT5C3B, 1-300aa Human, His tag, E.coli

产品货号: TP03207

第三版

别名:7-methylguanosine phosphate-specific 5'-nucleotidase, NT5C3L

描述:NT5C3B, also known 7-methylguanosine phosphate-specific 5'-nucleotidase, includes transferase activity and nucleotide binding. Among its related super-pathways are adenosine nucleotides degradation II and Pyrimidine metabolism. Specifically it hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate. The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids. Also it has weak activity for CMP. Recombinant human NT5C3B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. Phosphate Buffered Saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:36.8 kDa(323aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM AEEVSTLMKATVLMRQPGRVQEIVGALRKGGGDR LQVISDFDMTL SRFAYNGK
RCPSSYNILDNSKIISECRKELTALLHHYYP IEPHRTVKEKLP HMVEWWTKAHNLLCQQKI QKFQIAQVVRESNA MLR
EGYKTFNTLYHNNIPLFIFSAGIGDILEE IIRQMKVFHPNIHIVSNYMDFNEDGFLQGFKGQLIHTY NKNSSACENSGYFQQ
LEGKTNVILLGDSIGDLTMADGVPGVQNI LKIGFLNDKVEERRERYMDSYDIVLEKDETL DVVNGLLQHILCQGVQLEMQ
GP

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.