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AMT, 29-403aa, Human, His tag, E.coli

产品货号: TP01150

第三版

别名:Aminomethyltransferase, mitochondrial isoform 1, GCE, GCST, GCVT, NKH

描述:AMT also known as Aminomethyltransferase, mitochondrial isoform 1. AMT is a component of the glycine cleavage system termed T-protein, reversibly catalyzes the degradation of the aminomethyl moiety of glycine attached to the lipoate cofactor of H-protein, resulting in the production of ammonia, 5,10-methylenetetrahydrofolate, and dihydrolipoate-bearing H-protein in the presence of tetrahydrofolate. Recombinant human AMT was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid. In Phosphate Buffered Saline containing 30% glycerol, 1mM DTT

分子量:43.3kDa (398aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSAQEVLRRTPLYDFHLAHGGKMVAFAGW\$LPVQYRDSHTD\$SHLHTRQHCSLFDVS
HMLQTKILGSDRVKLMESLVVGDIAELRPNQGTL\$SLFTNEAGGILDDLIVTNTSEGHLYVVS\$NAGCWEKDLALMQDKVR
ELQ\$NQG\$RDV\$GLEVL\$DNALLALQ\$GPTAAQVLQAGVADDL\$RKL\$PFMT\$SAVMEV\$FGV\$GCRVTRCGYTGEDGVEISVPVAG
AVHLATAILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEHTTPVEGSL\$SWTLGKRRRAAMDFPGAKVIVPQLKGRVQRR
RVGLMCEGAPMRAHSPILNMEGTKIGTVTSGCPS\$SLKKNVAMGYVPC\$EYSRPGT\$MLLVEVRRKQ\$QMAV\$VSKMPFVPT
NYYTLK

纯度:> 95% by HPLC

浓度:1mg/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.