

5',3'-Nucleotidase, Mitochondrial Human Recombinant

Item Number	rAP-1352
Synonyms	5'(3')-deoxyribonucleotidase mitochondrial, 5',3'-nucleotidase, mitochondrial, Deoxy-5'-nucleotidase 2, dNT-2, NT5M, DNT2.
Description	NT5M Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (32-228 a.a.) and having a molecular mass of 25.1kDa. NT5M is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NPB1
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGGRALRVLV DMDGVLADFE GGFLRKFRAR FPDQPFIALE DRRGFWVSEQ YGRLRPGLSE KAISIWESKN FFFELEPLPG AVEAVKEMAS LQNTDVFICT SPIKMFKYCP YEKYAWVEKY FGPDFLEQIV LTRDKTVVSA DLLIDDRPDI TGAEPTPSWE HVLFTACHNQ HLQLQPPRRR LHSWADDWKA ILDSKRPC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	NT5M protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**