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32-2788: RNASE7 Recombinant Protein

Alternative Name : Ribonuclease,RNase A Family,7,Skin-Derived Antimicrobial Protein 2,RNase 7,SAP-2, EC 3.1.27.5,EC 3.1.27.,EC 3.1.27,Ribonuclease 7.

Description

Source : Escherichia Coli. RNASE7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 151 amino acids (29-156 a.a) and having a molecular mass of 16.9kDa. RNASE7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ribonuclease 7 (RNASE7) is one of the final RNase A superfamily ribonucleases. RNASE7 was isolated from skin-derived stratum corneum. RNASE7 protein demonstrated potent ribonuclease activity and hence may contribute to the well-known ribonuclease activity of human skin. RNASE7 has revealed a broad spectrum antimicrobial activity against many pathogenic microorganisms and extraordinarily potent activity against a vancomycin-resistant Enterococcus faecium.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	RNASE7 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHHSSGLVPRGSH MGSKPKGMTS SQWFKIQHMQ PSPQACNSAM KNINKHTKRC KDLNTFLHEPFSSVAATCQT PKIACKNGDK NCHQSHGPVS LTMCKLTSGK YPNCRYKEKR QNKSYVVACK PPQKKDSQQFHLVPVHLDRV L.