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RNASE3, 28-160aa, Human, His-tag, Baculovirus

产品货号: TP03746

第三版

别名: Ribonuclease, RNase A family, 3 (eosinophil cationic protein), RNASE3, ECP, RAF1, RNS3

描述: RNASE3, also known as Ribonuclease RNase A family 3, located in the eosinophil primary matrix. It released during degranulation of eosinophils. This protein is related to inflammation and asthma because in these cases, there are increased levels of ECP in the body. It is a potent cytotoxic protein capable of killing cells of guinea pig tracheal epithelium, mammalian leukemia, epidermis carcinoma, and breast carcinoma, as well as non-mammalian cells such as parasites, bacteria, and viruses. Recombinant human RNASE3 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 16.6kDa (142aa), 18-28kDa (SDS-PAGE under reducing conditions.)

序列:

ADPRPPQFTRAQWFAIQHISLNPPRCTIAMRAINNYRWCKNQNTFLRTTFANVVNVCGNQSIRCPHNRTLNNCHRSRF
RVPLLHCDLINPGAQNISNCRYADRPGRFYVVACDNRDPRDSPRYPVVPHLDTTIHIIHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.