

32-6909: RNASE3 Human, Sf9

Alternative Name : ECP, RNS3, Ribonuclease 3, Eosinophil cationic protein, RNASE3, RNASE3.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Ribonuclease 3 (RNASE3) is cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. RNASE3 possesses a broad diversity of biological activities. RNASE3 protein has shown antibacterial activity such as cytoplasmic membrane depolarization of preferentially Gram-negative and Gram-positive strains and promotes E. coli outer membrane detachment, alteration of the overall cell shape and partial loss of cell content.

RNASE3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 142 amino acids (28-160 a.a.) and having a molecular mass of 16.6kDa (Migrates at 18-28kDa on SDS-PAGE under reducing conditions). RNASE3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	RNASE3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
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 :	ADPRPPQFTR AQWFAIQHIS LNPPRCTIAM RAINNYRWRC KNQNTFLRTT FANVVNVCGN QSIRCPHNRT LNNCHRSRFR VPLLHCDLIN PGAQNISNCR YADRPGRRFY VVACDNRDPR DSPRYPVVPV HLDTTIHFFF HH.