

32-13699: RNASE2 Human

Format :	RNASE2 Human protein (1mg/ml) is formulated in 20% glycerol and Phosphate-Buffered Saline (pH 7.4).
Alternative Name :	EDN, RNS2, ribonuclease A family member 2, RAF3, non-secretory ribonuclease, Eosinophil-derived neurotoxin, RNase Upl-2, Ribonuclease 2, RNase 2, Ribonuclease US.

Description

Source:Sf9, Baculovirus cells.

Physical Appearance: Sterile Filtered colorless solution.

Biological Activity: null

RNASE2, also known as EDN, is best-known as one of the 4 major proteins found in the large specific granules of human eosinophilic leukocytes. This protein is also expressed constitutively in human liver tissue and its expression can be induced in macrophages by proinflammatory stimuli. RNASE2 is a non-secretory ribonuclease which belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. Diseases associated with EDN include Dermatitis, Atopic, 8 and Pulmonary Eosinophilia.

RNASE2 Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 143 amino acids (28-161 a.a.) and having a molecular mass of 16.5kDa. RNASE2 is fused to a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
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 :	ADPKPPQFTW AQWFETQHIN MTSQQCTNAM QVINNYQRRK KNQNTFLLTT FANVVNVCGN PNMTCPSNKT RKNCHHSGSQ VPLIHCNLTTPSPQNISNCR YAQTPANMFY IVACDNRDQR RDPPQYPVVP VHLDRIIHHH HHH