
Product Data Sheet

Product Name: RNASE2 Human
 Cat. No.: GP26178
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	EDN, RNS2, ribonuclease A family member 2, RAF3, non-secretory ribonuclease, Eosinophil-derived neurotoxin, RNase Upl-2, Ribonuclease 2, RNase 2, Ribonuclease US.		
Amino Acid Sequence	ADPKPPQFTW AQWFETQHIN MTSQQCTNAM QVINNYQRRK KNQNTFLLTT FANVVNVCGN PNMTCP SNKT RKNCHHSGSQ VPLIHCNLTTPSPQNISNCR YAQTPANMFY IVACDNRDQR RDPPQYPVVP VHLDRIIHHH HHH		
Formulation	RNASE2 Human protein (1mg/ml) is formulated in 20% glycerol and Phosphate-Buffered Saline (pH 7.4).		

Introduction

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.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

16.5kDa.RNASE2 is fused to a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA