
Product Data Sheet

Product Name: MED21 Human
 Cat. No.: GP23907
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SRB7; SURB7; Mediator complex subunit 21; RNA polymerase II holoenzyme component SRB7; hSrb7.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMADRLTQ LQDAVNSLAD QFCNAIGVLQ QCGPPASFNN IQTAINKDQP ANPTEEYAQL FAALIARTAK DIDVLIDSLP SEESTAALQA ASLYKLEEN HEAATCLELV VYRGDMLEK IQSALADIAQ SQLKTRSGTH SQSLPDS.		
Formulation	MED21 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Mediator Complex Subunit 21 (MED21) belongs to the mediator complex subunit 21 family. MED21 interacts with the human RNA polymerase II holoenzyme and is participated in transcriptional regulation of RNA polymerase II transcribed genes. A pseudogene of MED21 can be found on chromosome 8. Alternative splicing results in multiple transcript variants.

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

MED21 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (1-144 a.a.) and having a molecular mass of 18.0kDa. MED21 is fused to a 23 amino acid His-tag at N-terminus & 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

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