
Product Data Sheet

Product Name: POLR2C Human
 Cat. No.: GP24207
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	hRPB33; hsRPB3; RPB3; RPB31; DNA-directed RNA polymerase II subunit RPB3; RNA polymerase II subunit 3; RNA polymerase II subunit B3; DNA-directed RNA polymerase II 33 kDa polypeptide; RPB33; DNA-directed RNA polymerase II subunit C; POLR2C.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPYANQP TVRITELTDE NVKFIIENTD LAVANSIRRV FIAEVPIAI DWVQIDANSS VLHDEFIAHR LGLIPLISDD IVDKLQYSRD CTCEEFCPEC SVEFTLDVRC NEDQTRHVTS RDLISNSPRV IPVTSRNRDN DPNDYVEQDD ILIVKLRKGQ ELRLRAYAKK GFGKEHAKWN PTAGVAFEYD PDNALRHTVY PKPEEWPKSE YSELDEDESQ APYDPNGKPE RFYYNVESCGLSRPETIVLS ALSGLKKKLS DLQTQLSHEI QSDVLTIN.		
Formulation	POLR2C protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol 1mM DTT and 0.1M NaCl.		

Introduction

Polymerase (RNA) II (DNA directed) Polypeptide C (POLR2C) is the 3rd largest subunit of RNA polymerase II. The product of POLR2C consists of a cysteine rich area and exists as a heterodimer with an additional polymerase subunit, POLR2J. Those 2 subunits shape a core subassembly unit of the polymerase.

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

POLR2C Human Recombinant produced in E.Coli is a single, non-glycosylated

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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polypeptide chain containing 298 amino acids (1-275a.a) and having a molecular mass of 33.8kDa. POLR2C is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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