9051 Mira Mesa Blvd, #910094
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POLR2J Human

Polymerase (RNA) II (DNA directed) Polypeptide J Human Recombinant RCP1683

Product Overview

Name	POLR2J Human

Description

Polymerase (RNA) II (DNA directed) Polypeptide J Human Recombinant

Accession (Primary)	P52435

Synonyms

DNA-directed RNA polymerase II subunit RPB11-a, RNA polymerase II subunit B11-a, RPB11a, DNA-directed RNA polymerase II subunit J-1, RNA polymerase II 13.3 kDa subunit, POLR2J, POLR2J1, RPB11, RPB11m, hRPB14.

Introduction

Polymerase (RNA) II (DNA directed) Polypeptide J (POLR2J) is a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The POLR2J protein occurs as a heterodimer with another polymerase subunit; together they develop a core subassembly unit of the polymerase. POLR2J is ubiquitously expressed, having a high expression in the heart and skeletal muscle.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

POLR2J protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 5mM DTT and 2mM EDTA.

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MNAPPAF ESFLLFEGEK KITINKDTKV PNACLFTINK EDHTLGNIIK SQLLKDPQVL FAGYKVPHPL EHKIIIRVQT TPDYSPQEAF TNAITDLISE LSLLEERFRV AIKDKQEGIE.

Precautions

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POLR2J Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P52435)