

Recombinant Human POLR2M, His-tagged

Cat. No. POLR2M-28539TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 32-211 of Human GRINL1A with N terminal His tag; 180 amino acids, 42kDa.
Species	Human
Source	E.coli
ProteinLength	32-211 a.a.
Description	This gene encodes a subunit of RNA polymerase II, a protein complex that is responsible for synthesizing messenger RNA in eukaryotes. The encoded protein functions as a component of a specific form of RNA polymerase II termed Pol II(G). This protein may act as a negative regulator of activator-dependent transcription. Alternate splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream gene MYZAP (myocardial zonula adherens protein).
Conjugation	HIS
Form	Lyophilised:Reconstitute with 87 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

ERLLRNELQRITIADQGEQQSEENASTKNLTGLSSGTEKK PHYMEVLEMRAKNPVP
QLRKFKTNVLPFRQNDSSSHCQ KSGSPISSEERRRRDKQHLDDITAARLLPLHHMP
TQLL SIEESLALQKQKQKQNYEEMQAKLAAQKLAERLNIKMRSYN PEGESSGRYREV
RDEDDDWSSDEF

GENE INFORMATION

Gene Name POLR2M polymerase (RNA) II (DNA directed) polypeptide M [Homo sapiens]

Official Symbol POLR2M

Synonyms POLR2M; polymerase (RNA) II (DNA directed) polypeptide M; glutamate receptor, ionotropic, N methyl D aspartate like 1A , GRINL1A; protein GRINL1A; GCOM1; Gdown; Gdown1;

Gene ID 81488

mRNA Refseq NM_001018102

Protein Refseq NP_001018112

MIM 606485

Uniprot ID P0CAP2

Chromosome Location 15q21.3

Function DNA-directed RNA polymerase activity;

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