

Active Recombinant Full Length Human POLR2M Protein, C-Flag-tagged

Cat. No. POLR2M-511HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human POLR2M Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a subunit of a specific form of RNA polymerase II termed Pol II(G). The encoded protein may act as a negative regulator of transcriptional activation by the Mediator complex. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 4. Readthrough transcription between this gene and the neighboring upstream gene MYZAP (myocardial zonula adherens protein) is represented with GeneID 145781.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	WB positive control
Molecular Mass	41.6 kDa
AA Sequence	MCSLPRGFEPQAPEDLAQRSLVELREMLKRQERLLRNEKFICKLPDKGKKIFDSFAK LKAAIAECEEVRR KSELFNPVSLDCKLRQKAIAEVDVGTDKAQNSDPILDTSSLVPG CSSVDNIKSSQTSQNQGLGRPTLEGD EETSEVEYTVNKGPASSNRDRVPPSSEAS EHHPRHRVSSQAEDTSSSFDNLFIDRLQRITIADQGEQQSE ENASTKNLTGLSSGTE

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KKPHYMEVLEMRAKNPVPQLRKFKTNVLPFRQNDSSSHCQKSGSPISSEERRRR D
KQHLLDDITAARLLPLHHMPTQLLSIEESLALQKQKQNYEEMQAKLAAQKLAERLNK
MRSYNPEGESS
GRYREVRDEDDDWSSDEFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Ion Channels: Other
Full Length	Full L.

GENE INFORMATION

Gene Name	POLR2M RNA polymerase II subunit M [Homo sapiens (human)]
Official Symbol	POLR2M
Synonyms	GCOM1; Gdown; Gdown1; GRINL1A
Gene ID	81488

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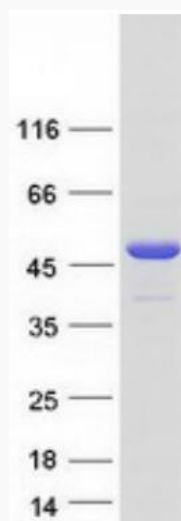
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mRNA Refseq [NM_015532.5](#)

Protein Refseq [NP_056347.1](#)

MIM [606485](#)

UniProt ID [Q6EEV4](#)



Coomassie blue staining of purified POLR2M protein.

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