

Recombinant Full Length Human POLR2M Protein, GST-tagged

Cat. No. POLR2M-5541HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRINL1A full-length ORF (NP_056347.1, 1 a.a. - 368 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	368 amino acids
Description	This gene (GRINL1A) is part of a complex transcript unit that includes the gene for GRINL1A combined protein (Gcom1). Transcription of this gene occurs at a downstream promoter, with at least three different alternatively spliced variants, grouped together as Gdown for GRINL1A downstream transcripts. The Gcom1 gene uses an upstream promoter for transcription and also has multiple alternatively spliced variants. [provided by RefSeq]
Molecular Mass	68.1 kDa
AA Sequence	MCSLPRGFEPQAPEDLAQRSLVELREMLKRQERLLRNEKFICKLPDKGKKIFDSFAK LKAAIAECEEEVRRKSELFNPVSLDCKLRQKAIAEVDVGTDKAQNSDPILDTSSLVPGC SSVDNIKSSQTSQNQGLGRPTLEGDEETSEVEYTVNKGPASSNRDRVPPSSEASEH HPRHRVSSQAEDTSSSFDNLFIDRLQRITIADQGEQQSEENASTKNLTGLSSGTEKK PHYMEVLEMRAKNPVPQLRKFKTNVLPFRQNDSSSHCQKSGSPISSEERRRRDKQ HLDDITAARLLPLHHMPTQLLSIEESLALQKQKQNYEEMQAKLAAQKLAERLNIKMR

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	SYNPEGESSGRYREVRDEDDDWSSDEF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	POLR2M RNA polymerase II subunit M [Homo sapiens (human)]
Official Symbol	POLR2M
Synonyms	POLR2M; RNA polymerase II subunit M; GCOM1; Gdown; Gdown1; GRINL1A; protein GRINL1A; DNA-directed RNA polymerase II subunit M, isoforms 4/5; GRINL1A downstream protein Gdown4; glutamate receptor, ionotropic, N-methyl D- aspartate-like 1A; polymerase (RNA) II (DNA directed) polypeptide M; polymerase (RNA) II subunit M; protein GRINL1A, isoforms 4/5
Gene ID	81488
mRNA Refseq	NM_001018102
Protein Refseq	NP_001018112

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MIM	606485
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UniProt ID	P0CAP2
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