

## Product datasheet for PH319621

### GCOM1 (POLR2M) (NM\_015532) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GRINL1A MS Standard C13 and N15-labeled recombinant protein (NP_056347)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219621
Predicted MW:	41.6 kDa
Protein Sequence:	>RC219621 representing NM_015532 Red=Cloning site Green=Tags(s)  MCSLPRGFEPQAPEDLAQRSLVELREMLKRQERLLRNEKFICKLPDKGKKIFDSFAKLKAAIAECEEVRR KSELFNPVSLDCKLRQKAI AEVDVGTDKAQNSDPILDTSSLVPGCSSVDNIKSSQTSQNQGLGRPTLEGD EETSEVEYTVNKGPASSNRDRVPPSSEASEHHRVSSQAEDTSSSF DNLFIDRLQRIT IADQGEQQSE ENASTKNLTGLSSGTEKKPHYMEVLEMRANKPVPQLRKFKTNVLPFRQNDSSSHCQKSGSPISSEERRRR DKQHLLDDITAAARLLPLHHMPTQLLSIEESLALQKQKQNYEEMQAKLAAQKLAERLNIKMRSYNPEGESS GRYREVRDEDDWSSDEF  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_056347</a>
RefSeq Size:	4139
RefSeq ORF:	1104
Synonyms:	GCOM1; Gdown; Gdown1; GRINL1A
Locus ID:	81488



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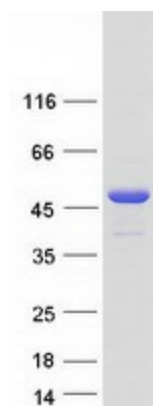
UniProt ID: [Q6EEV4](#), [POCAP2](#)

Cytogenetics: 15q21.3

Summary: 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. [provided by RefSeq, Oct 2013]

Protein Families: Druggable Genome, Ion Channels: Other

### Product images:



Coomassie blue staining of purified POLR2M protein (Cat# [TP319621]). The protein was produced from HEK293T cells transfected with POLR2M cDNA clone (Cat# [RC219621]) using MegaTran 2.0 (Cat# [TT210002]).