

## Product datasheet for TP319621L

### GCOM1 (POLR2M) (NM\_015532) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (GRINL1A), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219621 representing NM_015532 Red=Cloning site Green=Tags(s)

MCSLPRGFEPQAPEDLAQRSLVELREMLKRQERLLRNEKFICKLPDKGKKIFDSFAKLKAAIAECEEVRR  
KSELFNPVSLDCKLRQKAIAEVDVGTDKAQNSDPILDTSSLVPGCSSVDNIKSSQTSQNQGLGRPTLEGD  
EETSEVEYTVNKGPASSNRDRVPPSSEASEHHRHRVSSQAEDTSSSFDNLFIDRLQRITIADQGEQQSE  
ENASTKNLTGLSSGTEKKPHYMEVLEMRAKNPVPQLRKFKTNVLPFRQNDSSSHCQKSGSPISSEERRRR  
DKQHLDITAARLLPLHHMPTQLLSIEESLALQKQKQNYEEMQAKLAAQKLAERLNIKMRSYNPEGESS  
GRYREVRDEDDDWSSDEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	41.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	WB positive control (PMID: <a href="#">26116512</a> )
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_056347](#)

Locus ID: 81488

UniProt ID: [Q6EEV4](#), [P0CAP2](#)

RefSeq Size: 4139

Cytogenetics: 15q21.3

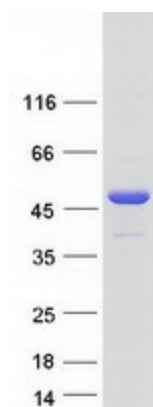
RefSeq ORF: 1104

Synonyms: GCOM1; Gdown; Gdown1; GRINL1A

**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]).