

## **Product datasheet for TP301417**

## OriGene Technologies, Inc.

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## PA1 (PAGR1) (NM\_024516) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human chromosome 16 open reading frame 53 (C16orf53), 20 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC201417 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

 $MSLARGHGDTAASTAAPLSEEGEVTSGLQALAVEDTGGPSASAGKAEDEGEGGREETEREGSGGEEAQGE\\ VPSAGGEEPAEEDSEDWCVPCSDEEVELPADGQPWMPPPSEIQRLYELLAAHGTLELQAEILPRRPPTPE\\ AQSEEERSDEEPEAKEEEEEKPHMPTEFDFDDEPVTPKDSLIDRRRTPGSSARSQKREARLDKVLSDMKR\\$ 

HKKLEEQILRTGRDLFSLDSEDPSPASPPLRSSGSSLFPRQRKY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 27.5 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

**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.

**RefSeq:** NP 078792

**Locus ID:** 79447

UniProt ID: Q9BTK6







RefSeq Size: 3843

Cytogenetics: 16p11.2

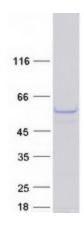
RefSeq ORF: 762

**Synonyms:** C16orf53; GAS; PA1

Summary: C16ORF53 (PA1) is a component of a Set1-like multiprotein histone methyltransferase

complex (Cho et al., 2007 [PubMed 17500065]).[supplied by OMIM, May 2008]

## **Product images:**



Coomassie blue staining of purified PAGR1 protein (Cat# TP301417). The protein was produced from HEK293T cells transfected with PAGR1 cDNA clone (Cat# [RC201417]) using MegaTran 2.0 (Cat# [TT210002]).