

### **Product datasheet for TP322119**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## POGK (NM\_017542) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human pogo transposable element with KRAB domain (POGK), 20 μg

Species: Human
Expression Host: HEK293T

Expression cDNA >RC222119 protein sequence
Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MESTAYPLNLSLKEEEEEEIQSRELEDGPADMQKVRICSEGGWVPALFDEVAIYFSDEEWEVLTEQQKA LYREVMRMNYETVLSLEFPFPKPDMITRLEGEEESQNSDEWQLQGGTSAENEESDVKPPDWPNPMNATSQ FPQPQHFDSFGLRLPRDITELPEWSEGYPFYMAMGFPGYDLSADDIAGKFQFSRGMRRSYDAGFKLMVVE YAESTNNCQAAKQFGVLEKNVRDWRKVKPQLQNAHAMRRAFRGPKNGRFALVDQRVAEYVRYMQAKGDPI TREAMQLKALEIAQEMNIPEKGFKASLGWCRRMMRRYDLSLRHKVPVPQHLPEDLTEKLVTYQRSVLALR RAHDYEVAQMGNADETPICLEVPSRVTVDNQGEKPVLVKTPGREKLKITAMLGVLADGRKLPPYIILRGT YIPPGKFPSGMEIRCHRYGWMTEDLMQDWLEVVWRRRTGAVPKQRGMLILNGFRGHATDSVKNSMESMNT DMVIIPGGLTSQLQVLDVVVYKPLNDSVRAQYSNWLLAGNLALSPTGNAKKPPLGLFLEWVMVAWNSISS

ESIVQGFKKCHISSNLEEEDDVLWEIESELPGGGEPPKDCDTESMAESN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 69.3 kDa

**Concentration:**  $>0.05 \mu g/\mu L$  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.





#### POGK (NM\_017542) Human Recombinant Protein - TP322119

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 060012

**Locus ID:** 57645

**UniProt ID:** Q9P215, <u>A0A024R8Y1</u>

RefSeq Size: 3852 Cytogenetics: 1q24.1 RefSeq ORF: 1827

Synonyms: BASS2; KRBOX2; LST003

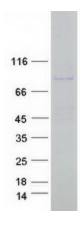
**Summary:** The exact function of the protein encoded by this gene is not known. However, this gene product

contains a KRAB domain (which is involved in protein-protein interactions) at the N-terminus, and a transposase domain at the C-terminus, suggesting that it may belong to the family of DNA-

mediated transposons in human. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

# **Product images:**



Coomassie blue staining of purified POGK protein (Cat# TP322119). The protein was produced from HEK293T cells transfected with POGK cDNA clone (Cat# [RC222119]) using MegaTran 2.0 (Cat# [TT210002]).