

## Product datasheet for TP322119

### 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:**

MESTAYPLNLSLKEEEEEEEIQSRELEDGPADMQKVRICSEGGWVPALFDEVAIYFSDEEWEVLTEQQKA  
 LYREVMRMNYETVLSLEFPFKPDMITRLEGEESQNSDEWQLQGGTSAENEESDVKPPDWPNP MNATSQ  
 FPQPQHFDSEGLRLPRDITELPEWSEGYPFYMAMGFPGYDLSADDIAGKFQFSRGMRRSYDAGFKLMWVE  
 YAESTNNCQAAKQFGVLEKNVRDWRKVLPQLQNAHAMRRAFRGPKNRFRALVDQRVAEYVRYMQAKGDPI  
 TREAMQLKALEIAQEMNIPEKGFKASLGWCRMMRRYDLSLRHKVPVPQHLPEDLTEKLVTYQRSVLALR  
 RAHDYEVAQMGNADETPICLEVPSRVTVDNQGEKPVLVKTPGREKLIKITAMLGVLADGRKLPPYIILRGT  
 YIPPGKFPSPGMEIRCHRYGWMTE DLMQDWLEVVWRRRTGAVPKQRGMILNNGFRGHATDSVKNSMESMNT  
 DMVIIPGGLTSQLQVLDVVVYKPLNDSVRAQYSNWLLAGNLALSPTGNAKKPPLGLFLEWVMVAWNSISS  
 ESIVQGFKKCHISSNLEEDDVLWEIESELPGGGEPKDCD TESMAESN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 69.3 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060012</a>
<b>Locus ID:</b>	57645
<b>UniProt ID:</b>	<a href="#">Q9P215</a> , <a href="#">A0A024R8Y1</a>
<b>RefSeq Size:</b>	3852
<b>Cytogenetics:</b>	1q24.1
<b>RefSeq ORF:</b>	1827
<b>Synonyms:</b>	BASS2; KRBOX2; LST003
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).