

## Product datasheet for **TP322119L**

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

#### Product data:

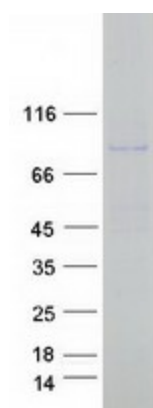
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human pogo transposable element with KRAB domain (POGK), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC222119 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MESTAYPLNLSLKEEEEEEEIQSRELEDGPADMQKVRICSEGGWVPALFDEVAIYFSDEEWEVLTEQQKA LYREVMRMNYETVLSLEFPFKPDMITRLEGEESQNSDEWQLQGGTSAENEESDVKPPDWPNP MNATSQ FPQPQHFDSEGLRLPRDITELPEWSEGYPFYMAMGFPGYDLSADDIAGKFQFSRGMRRSYDAGFKLMWVE YAESTNNCQAAKQFGVLEKNVRDWRKVLPQLQNAHAMRRAFRGPKNRFRALVDQRVAEYVRYMQAKGDPI TREAMQLKALEIAQEMNIPEKGFKASLGWCRMMRRYDLSLRHKVPVPQHLPEDLTEKLVTYQRSVLALR RAHDYEVAQMGNADETPICLEVPSRVTVDNQGEKPVLVKTPGREKLIKITAMLGVLADGRKLPPYIILRGT YIPPGKFPSPGMEIRCHRYGWMTE DLMQDWLEVVWRRRTGAVPKQRGMLILNGFRGHATDSVKNSMESMNT DMVIIPGGLTSQLQVLDVVVYKPLNDSVRAQYSNWLLAGNLALSPTGNAKKPPLGLFLEWVMVAWNSISS ESIVQGFKKCHISSNLEEDDVLWEIESELPGGGEPKDCD TESMAESN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	69.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	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]).