

Recombinant Human POGK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POGK-464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POGK MS Standard C13 and N15-labeled recombinant protein (NP_060012) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	69.4 kDa
AA Sequence	MESTAYPLNLSLKEEEEEEEIQSRELEDGPADMQKVRICSEGGWVPALFDEVAIYFS DEEWEVLTEQQKALYREVMRMNYETVLSLEFPFPKPDMITRLEGEESQNSDEWQ LQGGTSAENEESDVKPPDWPNNPMNATSQFPQPQHFDSEGLRLPRDITELPEWSEG YPFYMAMGFPGYDLSADDIAGKFQFSRGMRRSYDAGFKLMVVEYAESTNNCQAAK QFGVLEKNVRDWRKVQPQLQNAHAMRRAFRGPKNGRFALVDQRVAEYVRYMQAK GDPITREAMQLKALEIAQEMNIPEKGFKASLGWCRMMRRYDLRLHKVPVPQHLP EDLTEKLVTYQRSVLALRRADHYEVAQMGNADETPICLEVPSRVTVDNQGEKPVLV KTPGREKLKITAMLGVLADGRKLPPYIILRGTYIPPGKFPSGMEIRCHRYGWMTEMLM QDWLEVWRRRTGAVPKQRGMLILNGFRGHATDSVKNSMESMNTDMVIIPGGLTS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QLQVLDVVVYKPLNDSVRAQYSNWLLAGNLALSPTGNAKKPPLGLFLEWVMVAWN
 SISSESIVQGFKKCHISSNLEEEDDVLWEIESELPGGGEPPKDCDTE SMAESNTRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name POGK pogo transposable element with KRAB domain [Homo sapiens (human)]

Official Symbol POGK

Synonyms POGK; pogo transposable element with KRAB domain; BASS2; KIAA15131; KRAB box domain containing 2; KRBOX2; LST003; KIAA1513;

Gene ID 57645

mRNA Refseq NM_017542

Protein Refseq NP_060012

UniProt ID Q9P215

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