



Recombinant Human Pogo transposable element with KRAB domain (POGK)

Product Code	CSB-EP018298HU-B
Abbreviation	POGK
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9P215
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MESTAYPLNL SLKEEEEEEEE IQSRELEDGP ADMQKVRICS EGGWVPALFD EVAIYFSDEE WEVLTEQQKA LYREVMRMNY ETVLSLEFPF PKPDMITRLE GEEESQNSDE WQLQGGTSAE NEESDVKPPD WPNPMNATSQ FPQPQHFDSE GLRLPRDITE LPEWSEGYPF YMAMGFPGYD LSADDIAGKF QFSRGMRRSY DAGFKLMVVE YAESTNNCQA AKQFGVLEKN VRDWRKVKPQ LQNAHAMRRA FRGPKNGRFA LVDQRVAEYV RYMQAKGDPI TREAMQLKAL EIAQEMNIPE KGFKASLGWC RRMMRRYDLS LRHKVPVPQH LPEDLTEKLV TYQRSVLALR RAHDYEVAQM GNADETPICL EVPSRVTVDN QGEKPVLVKT PGREKLKITA MLGVLADGRK LPPYIILRGT YIPPGKFPSG MEIRCHRYGW MTEDLMQDWL EVVWRRRTGA VPKQRGMLIL NGFRGHATDS VKNSMESMNT DMVIIPGGLT SQLQVLDVVV YKPLNDSVRA QYSNWLLAGN LALSPTGNAK KPPLGLFLEW VMVAWNSISS ESIVQGFKKC HISSNLEED DVLWEIESEL PGGGEPPKDC DTESMAESN
Source	E.coli
Target Names	POGK
Protein Names	Recommended name: Pogo transposable element with KRAB domain
Expression Region	1-609
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	The exact function of This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.