

Recombinant Pig-tailed macaque TRPV6 Protein Product Manual

1. Product Basic Information

Product No.: REP08551

Protein Name: Alu-Binding Protein With Zinc Finger Domain (TRPV6)

Aliases: CAT1; CATL; ZFAB; ECAC2; ABP/ZF; HRPTTN; LP6728; HSA277909; Alu-binding protein with zinc finger domain

UniProt ID: Q9H1D0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H1D0/entry>

Species Source: *Macaca nemestrina* (Pig-tailed macaque)

Expression System: Mammalian cell

Protein Length: Full Length (1-821aa)

Molecular Weight: 94.7 kDa

Protein Tag: C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)

2. Amino Acid Sequence (1-821aa)

MQLWLLLLTPSRSSRQASPAESWLALPSVTNSQPSADWLGQLGDSQGTHQEGRR
QETGPLQGEPPALGGADVAPRLSPVRVWPRPQAPKEPALHPMGLSLPKEKGLIL
CLWSKFCRWFQRRESWAQSRDEQNLLQKRIWESPLLLAAKENDVQALNKLKYE
DCEVHQRGAMGETALHIAALYDNLEAAMVLMEAAPELVFEPMTSELYEGQTALHIA
VVNQNVNLVRALLARRASVSARATGTAFRRSPHNLIYFGEHPLSFAACVNSEEIVRL
LIEHGADIRAQDSLGNLTVLHILILQPNKTFACQMYNLLLSYDRHGDHLQPLDLVPHQ
GLTPFKLAGVEGNTVMFQHLMQKRKHTQWTYGPLTSTLYDLTEIDSSGDEQSLELI
ITTKKREARQILDQTPVKELVSLKWKRYGRPYFCMLGAIYLLYIICFTICCIYRPLKPR
NNRTSPRDNTLLQKLLQEAYVTPKDDIRLVGELVTVIGAIILLVEIPDIFRMGVTRFF
GQTILGGPFHVLIIITYAFMVLVTMVMRLISASGEVVPMSFALVLGWCNVMYFARGFQ
MLGPFTIMIQQMIFGDLMRFCWLMVAVVILGFASAFYIIFQTEDPEELGHFYDYPMALF
STFELFLTIIDGPANYNVDLPFMYSTIYAAFIIATLLMLNLLIAMMGDTHWRVAHERD
ELWRAQIVATTVMLEKLRCLWPRSGICGREYGLGDRWFLRVEDRQDLNRQRIQ
RYAQAFHTRGSEDLKDSVEKLELGCPFSPHLSLPTPSVSRSTSRSSANWERLRQ
GTLRRDLRGIINRGLEDGEGWEYQI

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Pig-tailed macaque TRPV6 full length protein (1-821aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. TRPV6, also known as CAT1 or CATL or ZFAB, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.