

Proteoliposomes

Full-Length

TRPV6 (Human) Recombinant Protein

Catalog # H00055503-G01

Size 10 ug

Specification

Product Description

Human TRPV6 full-length ORF (AAI60161.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGLSLPKEKGLILCLWSKFCRWFRRESWAQSRDEQNLLQQKRIWESPLLLAAKDNDVQALNK
LLKYEDCKVHQRGAMGETALHIAALYDNLEAAMVLMEAAPELVFEPMTSELYEGQTALHIAVVNQ
NMNLVRALLARRASVSARATGTAFRRSPCNLIYGEHPLSFAACVNSEEMVRLIEHGADIRAQDSL
GNTVLHILILQPNKTFACQMYNLLLSYDRHGDHLQPLDLVPHQGLTPFKLAGVEGNTVMFQHLMQ
KRKHTQWTYGPLTSTLYDLTEIDSSGDEQSLELIITTKREARQILDQTPVKELVSLKWKRYGRPYF
CMLGAYLLYICFTMCCYRPLKPRTNNRTSPRDNLTLLQQKLLQEAYMTPKDDIRLVGELVTVIGAIIL
LVEVPDIFRMGVTRFFGQTLGGPFHVLITYAFMVLVTMVMRLISASGEVVPMSFALVLGWCNVMY
FARGFQMLGPFTIMIQKMIFGDLMRFCWLMMAVVILGFASAFYIIFQTEDPEELGHFYDYPMALFSTF
ELFLTIDGPANYNDLPFMYSTYAAFAIATLLMLNLLIAMMGDTHWRVAHERDELWRAQVATTVM
LERKLPRCLWPRSGICGREYGLGDRWFLRVEDRQDLNRQRIQRYAQAFHTRGSEDLDKDSVEKL
ELGCPFSPHLSLPMPSVSRSTSRSSANWERLRQGTLLRRDLRGIINRGLEDGESWEYQI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.8

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — TRPV6

Entrez GeneID [55503](#)

GeneBank Accession# [BC160161.1](#)

Protein Accession# [AA160161.1](#)

Gene Name TRPV6

Gene Alias ABP/ZF, CAT1, CATL, ECAC2, HSA277909, LP6728, ZFAB

Gene Description transient receptor potential cation channel, subfamily V, member 6

Omim ID [606680](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calcium-permeable channels, such as TRPV6, participate in neurotransmission, muscle contraction, and exocytosis by providing calcium as an intracellular second messenger. Depending on the tissue, transcellular calcium transport may be regulated by vitamin D, parathyroid hormone (PTH; MIM 168450), or calcitonin (CALCA; MIM 114130).[supplied by OMIM]

Other Designations Alu-binding protein with zinc finger domain|calcium channel CaT1|epithelial apical membrane calcium transporter/channel CaT1|epithelial calcium channel 2

Disease

- [Adenocarcinoma](#)
- [Disease Progression](#)
- [Hypercalciuria](#)
- [Kidney Calculi](#)
- [Prostatic Neoplasms](#)