

Recombinant Full Length Human TRPV6 Protein

Cat. No. TRPV6-6866HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TRPV6 full-length ORF (AAI60161.1) recombinant protein without tag was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	765 amino acids
Description	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, or calcitonin.
Form	Liquid
Molecular Mass	79.8 kDa
AA Sequence	MGLSLPKEKGLILCLWSKFCRWFQRRESWAQSRDEQNLLQQKRIWESPLLLAAKDN DVQALNKLLKYEDCKVHQRGAMGETALHIAALYDNLEAAMVLMEEAPELVFEPMTS ELYEGQTALHIAVVNQNMNLVRALLARRASVSARATGTAFRRSPCNLIYFGEHPLSF AACVNSEEIVRLIEHGADIRAQDSLGNLTVLHILILQPNKTFACQMYNLLLSYDRHGDH LQPLDLVPNHQGLTPFKLAGVEGNTVMFQHLMQKRKHTQWTYGPLTSTLYDLTEID SSGDEQSLLLELIITTKKREARQILDQTPVKELVSLKWKRYGRPYFCMLGAIYLLYIICFT MCCIYRPLKPRTNNTSPRDNLLQQKLLQEAYMTPKDDIRLVGELVTVIGAIILLVEV

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PDIFRMGVTRFFGQTLGGPFHVLITYAFMVLVTMVMRLISASGEVVPMSFALVLGW
 CNVMYFARGFQMLGPFTIMI QKMIFGDLMRFCWLMMAVVILGFASAFYIIFQTEDPEEL
 GHFYDYPMALFSTFELFLTIIDGPANYNVDLPFMYSITYAAFAIIATLLMLNLLIAMMGD
 THWRVAHERDELWRAQIVATTVMLEKLPRLWPRSGICGREYGLGDRWFLRVED
 RQDLNRQRIQRYAQAFHTRGSEDLKDSVEKLELGC PFSPHLSLPMP SVSRSTSRS
 SANWERLRQGT LRRDLRGIINRGLEDGESWEYQI

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name TRPV6 transient receptor potential cation channel subfamily V member 6 [Homo sapiens (human)]

Official Symbol TRPV6

Synonyms TRPV6; transient receptor potential cation channel subfamily V member 6; CAT1; CATL; ZFAB; ECAC2; ABP/ZF; HRPTTN; LP6728; HSA277909; transient receptor potential cation channel subfamily V member 6; Alu-binding protein with zinc finger domain; calcium transport protein 1; calcium transporter-like protein; epithelial apical membrane calcium transporter/channel CaT1; epithelial calcium channel 2

Gene ID 55503

mRNA Refseq NM_018646

Protein Refseq NP_061116

MIM 606680

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UniProt ID

Q9H1D0

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