

Recombinant Human TRPV6 Protein

Cat. No. TRPV6-01H **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	Wheat Germ
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 DVQALNKLLKYEDCKVHQRGAMGETALHIAALYDNLEAMVLMEEAPELVFEPMTS ELYEGQTALHIAVVNQNMNLVRALLARRASVSARATGTAFRRSPCNLIYFGEHPLSF AACVNSEEIVRLIEHGADIRAQDSLGNLTVLHILILQPNKTFACQMYNLLLSYDRHGDH LQPLDLVPNHQGLTPFKLAGVEGNTVMFQHLMQKRKHTQWTYGPLTSTLYDLTEID SSGDEQSLELIITTKKREARQILDQTPVKELVSLKWKRYGRPYFCMLGAIYLLYIICFT MCCIYRPLKPRTNNTSPRDNLLQKLLQEAYMTPKDDIRLVGELVTVIGAIILLVEV PDIFRMGVTRFFGQTILGGPFHVLITYAFMVLVTMVMRLISASGEVVPMSFALVLGW CNVMYFARGFQMLGPFTIMIQQMIFGDLMRFCWLMMAVVILGFASAFYIIFQTEDPEEL

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GHFYDYPMALFSTFELFLTIIDGPANYNVDLPFMYSITYAAFAIIATLLMLNLLIAMMGD
 THWRVAHERDELWRAQIVATTVMLERKLPRCLWPRSGICGREYGLGDRWFLRVED
 RQDLNRQRIQRYAQAFHTRGSEDLDKDSVEKLELGC PFSPHLSLPMP SVSRSTSRS
 SANWERLRQGT LRRDLRGIINRGLEDGESWEYQI

Enzyme Unit Antibody Production

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

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

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Protein Refseq	NP_061116
MIM	606680
UniProt ID	Q9H1D0

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