

Recombinant Full Length Human Transient Receptor Potential Cation Channel Subfamily V Member 6(Trpv6) Protein, His-Tagged

Cat. No. RFL35480HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Transient receptor potential cation channel subfamily V member 6(TRPV6) Protein (Q9H1D0) (1-725aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-725)
Form	Lyophilized powder
AA Sequence	MGLSLPKEKGLILCLWSKFCRWFQRRESWAQSRDEQNLLQQKRIWESPLLLAAKDN DVQA LNKLLKYEDCKVHQRGAMGETALHIAALYDNLEAAMVLMEAAPELVFEPMTS ELYEGQTA LHIAVQNQNMNLVRALLARRASVSARATGTAFRRSPCNLIYFGEHPLSF AACVNSEEIVR LLIEHGADIRAQDSLGNLTVLHILILQPNKTFACQMYNLLLSYDRHGD HLQPLDLVPNHQG LTPFKLAGVEGNTVMFQHLMQKRKHTQWTYGPLTSTLYDLTEI DSSGDEQSLLELIITTK KREARQILDQTPVKELVSLKWKRYGRPYFCMLGAIYLLYIIC FTMCCIRPLKPRNTNRT SPRDNTLLQQKLLQEAYMTPKDDIRLVGELVTVIGAIILL VEVPDIFRMGVTRFFGQTI LGGPFHVLITYAFMVLVTMVMRLISASGEVVPMSFALV LGWCNVMYFARGFQMLGPFTI MIQKMIFGDLMRFCWLMVAVILGFASAFYIIFQTED PEELGHFYDYPMALFSTFELFLTIDGPANYNVDLPFMYSITYAAFAIIATLLMLNLLIA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MMGDTHWRVAHERDELWRAQIVAT TVMLERKLPRCLWPRSGICGREYGLGDRWF
LRVEDRQDLNRQRIQRYAQAFHTRGSEDLD KDSVEKLELGCPFSPHLSLPMPSVSR
STSRSSANWERLRQGTLLRRDLRGIINRGLEDGES WEYQI

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name TRPV6

Synonyms TRPV6; ECAC2; Transient receptor potential cation channel subfamily V member 6; TrpV6; CaT-like; CaT-L; Calcium transport protein 1; CaT1; Epithelial calcium channel 2

UniProt ID [Q9H1D0](#)

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