

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

**Cat. No.** RFL5657MF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Mouse Transient receptor potential cation channel subfamily V member 6(Trpv6) Protein (Q91WD2) (1-727aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Full Length (1-727)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | <p>MGWSLPKEKGLILCLWNKFCRWFHRQESWAQSRDEQNLLQQKRIWESPLLLAAKE<br/> NDVQA LSKLLKFEGCEVHQRGAMGETALHIAALYDNLEAAMVLMEAAPELVFEPMT<br/> SELYEGQTA LHIAVINQNVNLVRALLARGASVSARATGSVFHYRPHNLIYYGEHPLS<br/> FAACVGSEEIVR LLIEHGADIRAQDSLGNLTVLHILILQPNKTFACQMYNLLLSYDGGD<br/> HLKSLELVPNNQGL TPFKLAGVEGNIVMFQHLMQKRKHIQWTYGPLTSTLYDLTEID<br/> SSGDDQSLLELIVTTKK REARQILDQTPVKELVSLKWKRYGRPYFCVLGAIYVLYIICF<br/> TMCCVYRPLKPRITNRTN PRDNTLMQKLLQEAYVTPKDDLRLVGELVSIVGAVIILL<br/> VEIPDIFRLGVTRFFGQTIL GGPFHVITIYAFMVLVTMVMRLTNVDGEVPMPSFALVL<br/> GWCNVMYFARGFQMLGPFTIM IQKMIFGDLMRFCWLMMAVVILGFASAFYIIFQTEDP<br/> DELGHFYDYPMALFSTFELFLTII DGPANYDVDLPFMYSVTYAAFAIATLLMLNLLIAM</p> |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

MGDTHWRVAHERDELWRAQVVATT VMLERKLPRCLWPRSGICGREYGLGDRWFL  
 RVEDRQDLNRQIRRYAQAFQQDGLYSED LEKDSGEKLETARPFAYLSFPTPS  
 VSRSTSRSSSTNWERLRQGALRKDLRGIINRGLEDG EGWEYQI

**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; Transient receptor potential cation channel subfamily V member 6; TrpV6; Calcium transport protein 1; CaT1; Epithelial calcium channel 2

**UniProt ID** [Q91WD2](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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