

Recombinant Full Length Human Transient Receptor Potential Cation Channel Subfamily V Member 2(Trpv2) Protein, His-Tagged

Cat. No. RFL33564HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Transient receptor potential cation channel subfamily V member 2(TRPV2) Protein (Q9Y5S1) (1-764aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-764)
Form	Lyophilized powder
AA Sequence	MTSPSSSPVFRLETLDGGQEDGSEADRGKLDGSGGLPPMESQFQGEDRKCFAPQIR VNLNY RKG TGASQPD PNRFD RDR LFN AVSRGVPEDLAGLPEYLSKTSKYLTDSEYT EGSTGKTCL MKAVLNLKDG VNA CILPLLQIDRDSGNPQPLVNAQCTDDYYRGHSAL HIAIEKRSLQCVK LLVENGANVHARACGRFFQKGQGTCFYFGELPLSLAACTKQWD VVSYLENPHQPASLQA TDSQGNTVLHALVMISDN SAENIALVTSMYDGLLQAGARL CPTVQLEDIRNLQDLTPLKL AAKEGKIEIFRHILQREFSGLSHLSRKFTWCYGPVRV SLYDLASVDSCEENSVLEIIAF HCKSPHRHRMVVLEPLNKL LQAKWDLLIPKFFLNFL CNLIYMFIFTAVAYHQPTLKKQAA PHLKAEVGNSMLLTGHILILLGGIYLLVGQLWYF WRRHVFIIWISFIDSYFEILFLFQALL TVVSQVLCFLAIEWYLP LLVSALVLGWLNL LYY TRGFQHTGIYSVMIQKVILRDLLRFL IYLVFLFGFAVALVSLSQEAWRPEAPTGPNA

 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

TESVQPMEGQEDEGNGAQYRGILEASLEL FKFTIGMGELAFQEQLHFRGMVLLLLL
 AYVLLTYILLNMLIALMSETVNSVATDSWSIW KLQKAISVLEMENGYWWCRKKQRA
 GVMLTVGTPDGPSPDERWCFRVEEVNWASWEQTLPT LCEDPSGAGVPRTLENPV
 LASPPKEDEDGASEENYVPVQLLQSN

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 TRPV2

Synonyms TRPV2; VRL; Transient receptor potential cation channel subfamily V member 2; TrpV2; Osm-9-like TRP channel 2; OTRPC2; Vanilloid receptor-like protein 1; VRL-1

UniProt ID [Q9Y5S1](#)

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