

Recombinant Full Length Rabbit Transient Receptor Potential Cation Channel Subfamily V Member 5(Trpv5) Protein, His-Tagged

Cat. No. RFL34963OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rabbit Transient receptor potential cation channel subfamily V member 5(Trpv5) Protein (Q9XSM3) (1-730aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Oryctolagus cuniculus
Source	E.coli
ProteinLength	Full Length (1-730)
Form	Lyophilized powder
AA Sequence	<p>MGACPPKAKGPWAQLQKLLISWPVGEQDWEQYRDRVNMLQQERIRDSPLLQAAKE</p> <p>NDLRL LKILLLNQSCDFQQRGAVGETALHVAALYDNLEAATLLMEAPELAKEPALC</p> <p>EPFVGQTA LHIAVMNQNLNLVRALLARGASVSARATGAAFRRSPHNLIYYGEHPLSF</p> <p>AACVGSEEIVR LLIEHGADIRAQDSLGNLTVLHILILQPNKTFACQMYNLLLSYDEHSD</p> <p>HLQSLELVPNHQG LTPFKLAGVEGNTVMFQHLMQKRKHVQWTCGPLTSTLYDLTEI</p> <p>DSWGEELSFEELVVSSK KREARQILEQTPVKELVSFKWKYGRPYFCVLASLYILYM</p> <p>ICFTTCCIYRPLKLRDDNRT DPRDITILQQKLLQEAYVTHQDNIRLVGELVTVTGAVIIL</p> <p>LLEIPDIFRVGASRYFGQTI LGGPFHVIIITYASLVLLTMVMRLTNMNGEVVPLSFALVL</p> <p>GWCSVMYFARGFQMLGPFTI MIQKMIFGDLMRFCWLMAVVILGFASAFHITFQTED</p> <p>PNNLGEFSDYPTALFSTFELFTI IDGPANYSVDLPFMYCITYAAFAIIATLLMLNLFIA</p>

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MMGDTHWRVAQERDELWRAQVVAT TVMLERKMPRFLWPRSGICGYEYGLGDRW
FLRVENHHDQNPLRVLRVVEAFKCSKDGDGQ EQLSEKRPSTVESGMLSRASVAFQ
TPSLSRTTSQSSNSHRGWEILRRNTLGHLNLGLDLG EGDGEEVYHF

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 Trpv5

Synonyms Trpv5; Ecac1; Transient receptor potential cation channel subfamily V member 5; TrpV5; Epithelial calcium channel 1; Osm-9-like TRP channel 3; OTRPC3

UniProt ID [Q9XSM3](#)

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