

Recombinant Rat Trpv2 Full Length Transmembrane protein, His-tagged

Cat. No. Trpv2-3924R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Trpv2 protein(Q9WUD2)(1-761aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Rat
Source	E.coli
ProteinLength	1-761aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	88.2 kDa
AA Sequence	MTSASSPPAFRLETSDGDEEGNAEVNKGKQEPPPMESPFQREDRNSSPQIKVNLN FIKRPPKNTSAPSQQEPDRFDRDLFSVVS RGVPEELTGLLEYLRWNSKYLTDSAYT EGSTGKTCLMKAVLNLQDGVNACIMPLLQIDKDSGNPKLLVNAQCTDEFYQGHSAL HIAIEKRSLQCVKLLVENGADVHLRACGRFFQKHQGTCTFYFGELPLSLAACTKQWDV VTYLLNPHQPASLEATDSLGN TVLHALVMIADNSPENSALVIHMYDGLLQMGARLC PTVQLEEISNHQGLTPLKLAKEGKIEIFRHILQREFSGPYQPLSRKFTWCYGPVRV SLYDLSSVDSWEKNSVLEIIAFHCKSPNRHRMVVLEPLNKLLQEKWDRLVSRFFNF ACYLVYMFIFTVVAYHQPSLDQPAIPSSKATFGESMLLLGHILILLGGIYLLLGQLWYF

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WRRRLFIWISFMDSYFEILFLLQALLTVLSQVLRFMETEWYLP LLVLSLVLGWLNLLYY
 TRGFQHTGIYSVMIQKVILRDLLRFLLVYLVFLFGFAVALVSL SREARSPKAPEDNNST
 VTEQPTVGQEEEPAPYRSILDASLELFKFTIGMGELAFQEQLRFRGVVLLLLLAYVLL
 TYVLLLNMLIALMSETVNHVADNSWSIWKLQKAISVLEMENGYWWCRRKKHREGRL
 LKVGTRGDGTPDERWCFRVEEVNWA AWEKTLPTLSEDPSGPGITGNKKNPTSKPG
 KNSASEEDHLPLQLQSP

Purity Greater than 85% as determined by SDS-PAGE.

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

Reconstitution 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.

GENE INFORMATION

Gene Name [Trpv2 transient receptor potential cation channel, subfamily V, member 2 \[Rattus norvegicus \]](#)

Official Symbol [Trpv2](#)

Synonyms TRPV2; transient receptor potential cation channel, subfamily V, member 2; transient receptor potential cation channel subfamily V member 2; VRL-1; OTRPC2; osm-9-like TRP channel 2; stretch-activated channel 2B; vanilloid receptor-like protein 1; Vrl1; MGC105451;

Gene ID [29465](#)

mRNA Refseq [NM_017207](#)

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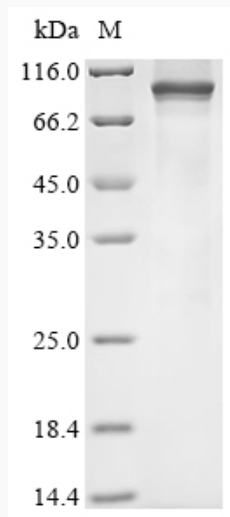
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Protein Refseq

NP_058903

SDS-PAGE

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