

Product Datasheet

TRPV2 Protein, Rat, Recombinant (His) (orb1976530)

Description	Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by growth factors, like IGF1, PDGF and morphogenetic neuropeptide/head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH. TRPV2 Protein, Rat, Recombinant (His) is expressed in E. coli expression system with N-10xHis tag. The predicted molecular weight is 88.2 kDa and the accession number is Q9WUD2.
Storage	-20°C
Tag	N-10xHis
Note	For research use only
Application notes	Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Protein Sequence	MTSASSPPAFRLETSDGDEEGNAEVNKGKQEPPPMESPFQREDRNSSPQIKVNLNFIKRPPK NTSAPSQQEPDRFDRDRLFSVVSARGVPEELTGLLEYLRWNSKYLTDSAYTEGSTGKTCLMK AVLNLQDGVNACIMPLLQIDKDSGNPKLLVNAQCTDEFYQGHSAHIAIEKRSLQCVKLLVE NGADVHLRACGRFFQKHQGTCTFYFGELPLSLAACTKQWDVVITYLLENPHQPASLEATDSL GNTVLHALVMIADNSPENSALVIHMYDGLLQMGARLCPTVQLEEISNHQGLTPLKLAKEG KIEIFRHILQREFSGPYQPLSRKFTEWCYGPVRVSLYDLSSVDSWEKNSVLEIIAFHCKSPNR HRMVVLEPLNKLLEKWDRLVSRFFNFACYLVYMFIFTVVAYHQPSLDQPAIPSSKATFGE SMLLLGHILILLGGIYLLGLWYFWRRRLFISFMDSYFEILFLLQALLTVLSQVLRFMETE WYLLPLVLSLVLGWLNLLYYTRGFQHTGIYSVMIQKVILRDLLRFLVYLVFLGFAVALVSL REARSPKAPEDNNSTVTEQPTVGQEEEPAPYRSILDASLELFKFTIGMGELAFQEQLRFRGV VLLLLLAYVLLTYVLLLNMLIALMSETVNHVADNSWSIWKLQKAISVLEMENGYWWCRRKK HREGRLKVGTRGDGTPDERWCFRVEEVNWAWEKTLPTLSEDPSPGITGNKKNPSTSKP GKNSASEEDHLPLQLQSP
Purity	98.00%

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MW	88.2 kDa (predicted)
Uniprot ID	Q9WUD2
Expiration Date	6 months from date of receipt.

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