

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Expression Host | HEK293 |
| Target | TRPV2 |
| Synonyms | VRL, VRL-1, VRL1 |
| Description | Human TRPV2-Strep full length protein-synthetic nanodisc |
| Uniprot ID | Q9Y5S1 |
| Protein Families | Ion Channels: Transient receptor potential |
| Protein Pathways | N/A |
| Molecular Weight | The human full length TRPV2-Strep protein has a MW of 86 kDa |
| Delivery | 6~8weeks |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene encodes an ion channel that is activated by high temperatures above 52 degrees Celsius. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |

