

## **PRODUCT INFORMATION**

Tag C-Flag&Strep Tag

Target TRPV3

**Synonyms** FNEPPK2, OLMS, OLMS1, VRL3

**Description**Human TRPV3-Strep full length protein-synthetic

Delivery nanodisc 6~8weeks
Uniprot ID O8NET8

Expression Host HEK293

**Protein Families** Ion Channels: Transient receptor potential

Protein Pathways N/A

Storage & Shipping

**Background** 

Molecular Weight

The human full length TRPV3-Strep protein has a

MW of 90.6 kDa

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

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.

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 from nanodisc solubilization buffer (20

Lyophilized proteins are shipped at ambient

témperature.

This gene product belongs to a family of nonselective cation channels that function in a variety of processes, including temperature

sensation and vasoregulation. The

thermosensitive members of this family are expressed in subsets of sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. This channel is

physiological temperatures. This channel is activated at temperatures between 22 and 40 degrees C. This gene lies in close proximity to another family member gene on chromosome 17,

another family member gene on chromosome 1/ and the two encoded proteins are thought to associate with each other to form heteromeric channels. Multiple transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Apr 2012]

Usage Research use only
Conjugate Unconjugated

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