

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Tag                          | C-Flag Tag  |
| Target                       | TRPV5   |
| Synonyms                     | CAT2, ECAC1, OTRPC3   |
| Description                  | Human TRPV5 full length protein-synthetic nanodisc  |
| Delivery                     | 6~8weeks  |
| Uniprot ID                   | Q9NQA5  |
| Expression Host              | HEK293  |
| Protein Families             | Ion Channels: Transient receptor potential  |
| Protein Pathways             | N/A   |
| Molecular Weight             | The human full length TRPV5 protein has a MW of 82.6kDa   |
| 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 of reconstitution.  |
| 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 is a member of the transient receptor family and the TrpV subfamily. The calcium-selective channel encoded by this gene has 6 transmembrane-spanning domains, multiple potential phosphorylation sites, an N-linked glycosylation site, and 5 ANK repeats. This protein forms homotetramers or heterotetramers and is activated by a low internal calcium level. [provided by RefSeq, Jul 2008] |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |

