

**PRODUCT INFORMATION**

<b>Tag</b>	C-Flag Tag
<b>Expression Host</b>	HEK293
<b>Target</b>	TRPM4
<b>Synonyms</b>	EKVP6, LTrpC4, PFHB1B, TRPM4B, hTRPM4
<b>Description</b>	Human TRPM4 full length protein-synthetic nanodisc
<b>Uniprot ID</b>	Q8TD43
<b>Protein Families</b>	Ion Channels: Transient receptor potential
<b>Protein Pathways</b>	N/A
<b>Molecular Weight</b>	The human full length TRPM4 protein has a MW of 134.3kDa
<b>Delivery</b>	6~8weeks
<b>Formulation &amp; Reconstitution</b>	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
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	The protein encoded by this gene is a calcium-activated nonselective ion channel that mediates transport of monovalent cations across membranes, thereby depolarizing the membrane. The activity of the encoded protein increases with increasing intracellular calcium concentration, but this channel does not transport calcium. [provided by RefSeq, Mar 2016]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

