

HDFP670

Product Information

Product SKU:	HDFP670	Expression Host:	HEK293	Size:	10µg
Target:	TRPM2	Tag:	C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	O94759
Molecular Weight:	The human full length TRPM2 protein has a MW of 171.2kDa		

Protein Information

Background: The protein encoded by this gene forms a tetrameric cation channel that is permeable to calcium, sodium, and potassium and is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death. Alternative splicing results in multiple transcript variants encoding distinct protein isoforms. Additional transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2016]

Synonyms: EREG1, KNP3, LTRPC2, LTrpC-2, NUDT9H, NUDT9L1, TRPC7

Protein Description: Human TRPM2 full length protein-synthetic nanodisc

Formulation: 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.

Protein Pathways: -

Protein Families: Ion Channels: Transient receptor potential.

Usage: Research use only

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.

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