

Recombinant Human TRPM8 Protein (Met1-Pro300), N-His-tagged

Cat. No. TRPM8-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human transient receptor potential cation channel, subfamily M, member 8 (TRPM8), Met1-Pro300, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro300
Description	Predicted to enable ligand-gated calcium channel activity. Predicted to be involved in calcium ion transmembrane transport and positive regulation of cold-induced thermogenesis. Predicted to act upstream of or within several processes, including cellular calcium ion homeostasis; response to cold; and thermoception. Located in plasma membrane.
Molecular Mass	34.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 50mM Tris, pH8.0, 8M Urea

GENE INFORMATION

Gene Name TRPM8 transient receptor potential cation channel subfamily M member 8 [Homo sapiens (human)]

Official Symbol TRPM8

Synonyms TRPM8; transient receptor potential cation channel subfamily M member 8; TRPP8; LTRPC6; trp-p8; LTrpC-6; transient receptor potential cation channel subfamily M member 8; TRPM8 cationic channel; transient receptor potential p8; transient receptor potential subfamily M member 8

Gene ID 79054

mRNA Refseq NM_024080

Protein Refseq NP_076985

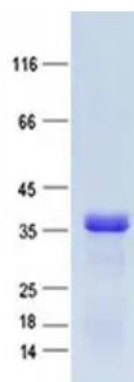
MIM 606678

UniProt ID Q7Z2W7

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SDS-PAGE

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