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

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

## SPECIFICATION

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| **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. |

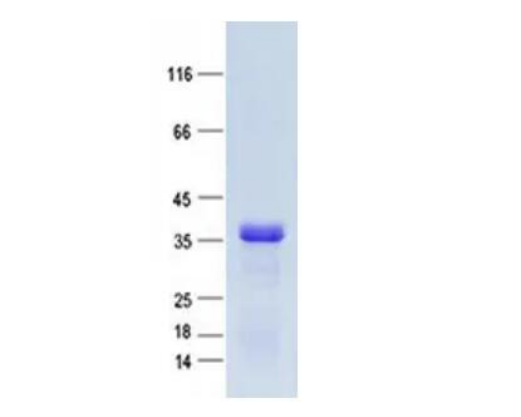
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| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 50mM Tris, pH8.0, 8M Urea |

## GENE INFORMATION

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| **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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