

# Recombinant Human TRPM4 protein, His&Flag-tagged

**Cat. No.** TRPM4-1166HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human TRPM4 protein(NP_001182156)(1-1069 aa), fused with His and Flag tag, was expressed in HEK293.                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-1069 aa                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant.                                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                              |
| <b>Purity</b>           | >90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.                                                                                                                                                             |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied; 1 month, 2 to 8 °C under sterile conditions after reconstitution; 3 months, -20 to -70 °C under sterile conditions after reconstitution. |
| <b>Reconstitution</b>   | It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents.It can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -    |

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20°C.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TRPM4 transient receptor potential cation channel, subfamily M, member 4 [ Homo sapiens ]                                                                                                                                                                                                           |
| <b>Official Symbol</b> | TRPM4                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | TRPM4; transient receptor potential cation channel, subfamily M, member 4; transient receptor potential cation channel subfamily M member 4; FLJ20041; LTrpC4; hTRPM4; melastatin-4; long transient receptor potential channel 4; calcium-activated non-selective cation channel 1; PFHB1B; TRPM4B; |
| <b>Gene ID</b>         | 54795                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_001195227                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001182156                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>             | 606936                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | Q8TD43                                                                                                                                                                                                                                                                                              |

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