# Recombinant Mouse Tcaf1 Protein, C-MYC/DDK-tagged

**Cat. No.** Tcaf1-05M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of Mouse TRPM8 channel-associated factor 1 (Tcaf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | Positively regulates the plasma membrane cation channel TRPM8 activity. Involved in the recruitment of TRPM8 to the cell surface. Promotes prostate cancer cell migration inhibition in a TRPM8-dependent manner. |
| **Molecular Mass** | 102.6 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade after receiving vials. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

## GENE INFORMATION

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| **Gene Name** | Tcaf1 TRPM8 channel-associated factor 1 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Tcaf1 |
| **Synonyms** | Tcaf1; TRPM8 channel-associated factor 1; Fam115a; 2810407D09Rik; 3321401G04Rik; A230020K05Rik; TRPM8 channel-associated factor 1; TRP channel-associated factor 1; family with sequence similarity 115, member A; protein FAM115A |
| **Gene ID** | 77574 |
| **mRNA Refseq** | NM_029930 |
| **Protein Refseq** | NP_084206 |
| **UniProt ID** | Q8BNE1 |

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