# Recombinant Full Length Human TCAF1 Protein, GST-tagged

**Cat. No.** TCAF1-4477HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human FAM115A full-length ORF ( NP_055534.1, 1 a.a. - 921 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 921 amino acids |
| **Description** | TCAF1 (TRPM8 Channel Associated Factor 1) is a Protein Coding gene. GO annotations related to this gene include ion channel binding. An important paralog of this gene is TCAF2. |
| **Molecular Mass** | 128.5 kDa |
| **AA Sequence** | MATPSAAFEALMNGVTSWDVPEDAVPCELLLIGEASFPVMVNDMGQVLIAASSYGR GRLVVVSHEDYLVEAQLTPFLLNAVGWLCSSPGAPIGVHPSLAPLAKILEGSGVDAK VEPEVKDSLGVYCIDAYNETMTEKLVKFMKCGGGLLIGGQAWDWANQGEDERVLF TFPGNLVTSVAGIYFTDNKGDTSFFKVSKKMPKIPVLVSCEDDLSDDREELLHGISEL DISNSDCFPSQLLVHGALAFPLGLDSYHGCVIAAARYGRGRVVVTGHKVLFTVGKLG PFLLNAVRWLDGGRRGKIVVQTELRTLSGLLAVGGIDTSIEPNLTSDASVYCFEPVSE VGVKELQEFVAEGGGLFVGAQAWWWAFKNPGVSPLARFPGNLLLNPFGISITSQSL NPGPFRTPKAGIRTYHFRSTLAEFQVIMGRKRGNVEKGWLAKLGPDGAAFLQIPAEE IPAYMSVHRLLRKLLSRYRLPVATRENPVINDCCRGAMLSLATGLAHSGSDLSLLVPE IEDMYSSPYLRPSESPITVEVNCTNPGTRYCWMSTGLYIPGRQIIEVSLPEAAASADL |

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| | KIQIGCHTDDLTRASKLFRGPLVINRCCLDKPTKSITCLWGGLLYIIVPQNSKLGSVPV TVKGAVHAPYYKLGETTLEEWKRRIQENPGPWGELATDNIILTVPTANLRTLENPEPL LRLWDEVMQAVARLGAEPFPLRLPQRIVADVQISVGWMHAGYPIMCHLESVQELINE KLIRTKGLWGPVHELGRNQQRQEWEFPPHTTEATCNLWCVYVHETVLGIPRSRANI ALWPPVREKRVRIYLSKGPNVKNWNAWTALETYLQLQEAFGWEPFIRLFTEYRNQT NLPTENVDKMNLWVKMFSHQVQKNLAPFFEAWAWPIQKEVATSLAYLPEWKENIM KLYLLTQMPH |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | TCAF1 TRPM8 channel associated factor 1 [ Homo sapiens (human) ] |
| **Official Symbol** | TCAF1 |
| **Synonyms** | family with sequence similarity 115, member A; 22201; Ensembl:ENSG00000198420; FLJ56782, KIAA0738; protein FAM115A; TCAF1; TRPM8 channel associated factor 1 |
| **Gene ID** | 9747 |
| **mRNA Refseq** | NM_001206938 |

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| **Protein Refseq** | NP_001193867 |
| **MIM** | 616251 |
| **UniProt ID** | Q9Y4C2 |

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