

## Recombinant Human TRPV4 protein, His&Flag-tagged

**Cat. No.** TRPV4-1177HFL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human TRPV4 protein(NP_001170899)(1-824 aa), fused with His and Flag tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-824 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

**Gene Name** TRPV4 transient receptor potential cation channel, subfamily V, member 4 [ Homo sapiens ]

**Official Symbol** TRPV4

**Synonyms** TRPV4; transient receptor potential cation channel, subfamily V, member 4; transient receptor potential cation channel subfamily V member 4; CMT2C; osmosensitive transient receptor potential channel 4; OTRPC4; TRP12; VR OAC; VRL 2; VROAC; osm-9-like TRP channel 4; vanilloid receptor-like channel 2; transient receptor potential protein 12; OSM9-like transient receptor potential channel 4; vanilloid receptor-related osmotically activated channel; VRL2; SPSMA; HMSN2C; SSQTL1;

**Gene ID** 59341

**mRNA Refseq** NM\_001177428

**Protein Refseq** NP\_001170899

**MIM** 605427

**UniProt ID** Q9HBA0

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