

Recombinant Human TRPV4 protein, His&Flag-tagged

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

SPECIFICATION

Product Overview	Recombinant Full Length Human TRPV4 protein(NP_001170899)(1-824 aa), fused with His and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-824 aa
Form	Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	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.
Reconstitution	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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