

Recombinant Human TRPV1 protein, His-tagged

Cat. No. TRPV1-346H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPV1 protein(NP_061197)(1-203 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-203 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MKKWSSTDLGAAADPLQKDTCPDPLDGDPNRPPPAKPQLSTAKSRTRLFGKGDS EEAFPVDCPHEEGELDSCPTITVSPVITIQRPDGGPTGARLLSQDSVAASTEKTLRLY DRRSIFEAVAQNNCQDLESLLLFLQKSKKHLTDNEFKDPETGKTCLLKAMLNLHDGQ NTTIPLLEIARQTDSLKELVNASYTDSSYYKGQ
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION**Gene Name**

TRPV1 transient receptor potential cation channel, subfamily V, member 1 [Homo sapiens]

Official Symbol

TRPV1

Synonyms

TRPV1; transient receptor potential cation channel, subfamily V, member 1; vanilloid receptor subtype 1 , VR1; transient receptor potential cation channel subfamily V member 1; OTRPC1; capsaicin receptor; osm-9-like TRP channel 1; vanilloid receptor subtype 1; transient receptor potential vanilloid 1a; transient receptor potential vanilloid 1b; VR1; DKFZp434K0220;

Gene ID

7442

mRNA Refseq

NM_018727

Protein Refseq

NP_061197

MIM

602076

UniProt ID

Q8NER1

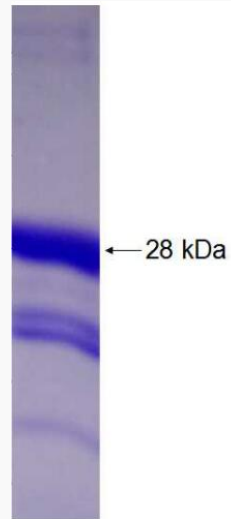
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SDS-PAGE



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