

## Recombinant Human TRPV1 protein, His-GST-tagged

Cat. No. TRPV1-8632H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRPV1 protein(Q8NER1)(1-155aa), fused with N-terminal His and GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-155aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	48.4 kDa
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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**AA Sequence** MKKWSSTDLGAAADPLQKDTCPDPLDGDPNRPPPAKPQLSTAKSRTRLFGKGDS  
EEAFPVDCPHEEGELDSCPTITVSPVITIQRPGDGP TGARLLSQDSVAASTEKTLRLY  
DRRSIFEAVAQNNCQDLESLLLFLQKSKKHLTDNEFKDPETG

## 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

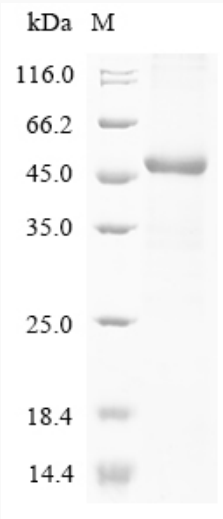
**UniProt ID** Q8NER1

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**SDS-PAGE**



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