Recombinant Human TRPV1 protein, His-GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TRPV1 protein(Q8NER1)(1-155aa), fused with N-terminal His and GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-155aa
Form	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.
Molecular Mass	48.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

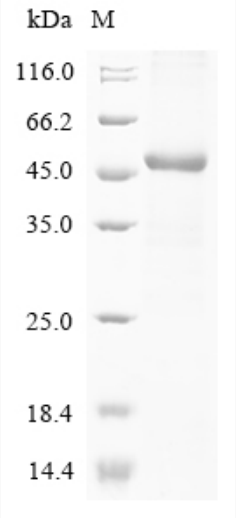
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AA Sequence	MKKWSSTDLGAAADPLQKDTCPDPLDGDPNSRPPPAKPQLSTAKSRTRLFGKGDS EEAFPVDCPHEEGELDSCPTITVSPVITIQRPGDGPTGARLLSQDSVAASTEKTLRLY DRRSIFEAVAQNNCQDLESLLLFLQKSKKHLTDNEFKDPETG

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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