

Transient Receptor Potential Cation Channel Subfamily V, Member 1 (TRPV1) Recombinant Protein | TRPV1 recombinant protein

Recombinant Transient Receptor Potential Cation Channel Subfamily V, Member 1 (TRPV1)

CATALOG #	HOST	APPLICATIONS
AAA153638	E coli	Western Blot, SDS-Page

PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily V; Member 1 (TRPV1); Recombinant Transient Receptor Potential Cation Channel Subfamily V; Member 1; TRPV1 recombinant protein (prokaryotic); Mouse; VR1; OTRPC1; Vanilloid Receptor Subtype 1; Capsaicin receptor; Osm-9-like TRP channel 1; Vanilloid receptor 1; TRPV1 recombinant protein

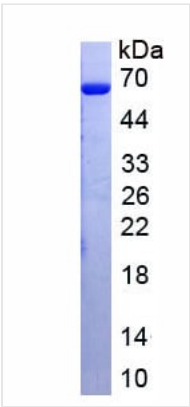
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Arg433
Applicable Applications for TRPV1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.1
Subcellular Location	Secreted
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

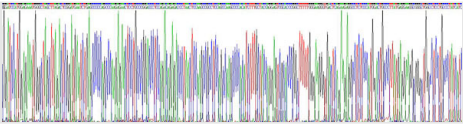
IMAGES

MEKMASLDSESEPPAQENSCPPDPDPNISKPPAKPHIFATRSRTRLFGKQDSEEAEPNDQPYEEGLASCPITIVSSVTLORSV
DGPICLRQTSQDSVSTQVETPPRLYDRRSIFDAVAQSNQCELESLSFLQKSKRRLTDFEKPDPETGKTCLLKAMLNHNGQNDTIAL
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VNFLLQSWPADI SARQSYQITVLAHLVEADNTADNTKFTYMYNEILLLGAKLPTLKEELTNKKGLTPALAASSQITGVLAY
ILQREIHEPECHLSRKFTWAYGPNHSSLYDLSCDTCENSVLEVJAYSSSETPNRRHMLLVEPLNRLLDQKWRDFVRR

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for TRPV1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47825364
NCBI GeneID	193034
NCBI Accession #	NP_001001445.1
NCBI GenBank Nucleotide #	NM_001001445.2
UniProt Accession #	Q704Y3; Q5SSE1; Q5SSE2; Q5SSE4; Q5WPV5; Q68SW0
Molecular Weight	93,941 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily V member 1
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily V, member 1
NCBI Official Symbol	Trpv1
NCBI Official Synonym Symbols	Vr1; VR-1; OTRPC1; TRPV1beta; TRPV1alpha
NCBI Protein Information	transient receptor potential cation channel subfamily V member 1
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 1
UniProt Gene Name	Trpv1
UniProt Synonym Gene Names	TrpV1; OTRPC1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.