

Recombinant Human TRPV1 Full Length Transmembrane protein, Flag-tagged(Nanodisc)

Cat. No. TRPV1-0944H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Full Length TRPV1 protein with Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
Bio-activity	Elisa plates were pre-coated with Flag Tag TRPV1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TRPV1-Nanodisc is 41.79ng/ml.
Molecular Mass	The human full length TRPV1 protein has a MW of 95.0 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length Full L.

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

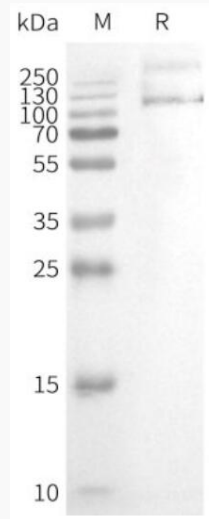
UniProt ID Q8NER1

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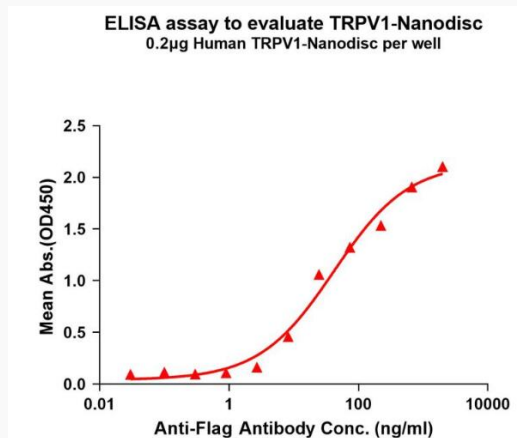
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SDS-PAGE



Activity



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