

Recombinant Human TRPV6 Full Length Transmembrane protein, Flag-tagged(Synthetic Nanodisc)

Cat. No. TRPV6-1179HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPV6 Full Length Transmembrane protein(Q9H1D0), fused with C-Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Full Length
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 TRPV6-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 TRPV6-Nanodisc is 6.111ng/ml.
Molecular Mass	The human full length TRPV6 protein has a MW of 87.3 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

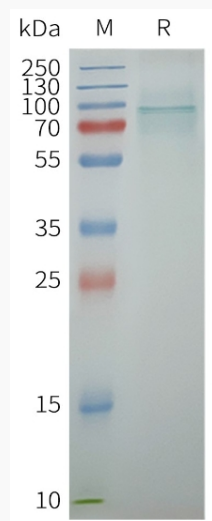
Gene Name	TRPV6 transient receptor potential cation channel, subfamily V, member 6 [Homo sapiens]
Official Symbol	TRPV6
Synonyms	TRPV6; transient receptor potential cation channel, subfamily V, member 6; ECAC2, epithelial calcium channel 2; transient receptor potential cation channel subfamily V member 6; CaT1; caT-L; calcium channel CaT1; calcium transport protein 1; epithelial calcium channel 2; Alu-binding protein with zinc finger domain; epithelial apical membrane calcium transporter/channel CaT1; CAT1; CATL; ZFAB; ECAC2; ABP/ZF; LP6728; HSA277909;
Gene ID	55503
mRNA Refseq	NM_018646
Protein Refseq	NP_061116
MIM	606680
UniProt ID	Q9H1D0

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SDS-PAGE



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