

Recombinant Human TRPC6 Protein, His-tagged

Cat. No. TRPC6-347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPC6(Met1~Leu192) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu192
Description	The protein encoded by this gene forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	25kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

TRPC6 transient receptor potential cation channel, subfamily C, member 6 [Homo sapiens]

Official Symbol

TRPC6

Synonyms

TRPC6; transient receptor potential cation channel, subfamily C, member 6; short transient receptor potential channel 6; TRP6; TRP-6; transient receptor protein 6; FSGS2; FLJ11098; FLJ14863;

Gene ID

7225

mRNA Refseq

NM_004621

Protein Refseq

NP_004612

MIM

603652

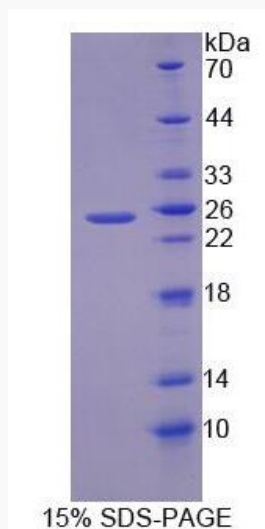
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UniProt ID

Q9Y210

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