

Recombinant Human TRPC6 protein ab152771

画像数 1

製品の詳細

製品名	Recombinant Human TRPC6 protein
発現系	Wheat germ
アクセッション番号	<u>Q9Y210</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	ARFMAFWHASKAQSIIIDANDTLKDLTKVTLGDNVKYYNLARI KWDPSPDQ
予測される分子量	31 kDa including tags
領域	543 to 592
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab152771** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Western blot
	SDS-PAGE
	ELISA
製品の状態	Liquid
備考	

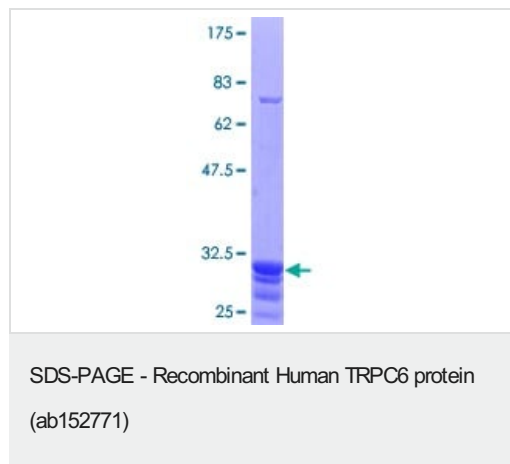
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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関連情報

機能	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C. Seems not to be activated by intracellular calcium store depletion.
組織特異性	Expressed primarily in placenta, lung, spleen, ovary and small intestine. Expressed in podocytes and is a component of the glomerular slit diaphragm.
関連疾患	Defects in TRPC6 are the cause of focal segmental glomerulosclerosis type 2 (FSGS2) [MIM:603965]. A renal pathology defined by the presence of segmental sclerosis in glomeruli and resulting in proteinuria, reduced glomerular filtration rate and edema. Renal insufficiency often progresses to end-stage renal disease, a highly morbid state requiring either dialysis therapy or kidney transplantation.
配列類似性	Belongs to the transient receptor (TC 1.A.4) family. STrpC subfamily. TRPC6 sub-subfamily. Contains 4 ANK repeats.
細胞内局在	Membrane.

画像



12.5% SDS-PAGE analysis of ab152771 stained with Coomassie Blue.

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