

Recombinant Mouse Clic5 Protein, Myc/DDK-tagged

Cat. No. Clic5-2191M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chloride intracellular channel 5 (Clic5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for normal hearing. It is necessary for the formation of stereocilia in the inner ear and normal development of the organ of Corti. Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. May play a role in the regulation of transepithelial ion absorption and secretion. Is required for the development and/or maintenance of the proper glomerular endothelial cell and podocyte architecture. Plays a role in formation of the lens suture in the eye, which is important for normal optical properties of the lens.
Molecular Mass	28.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Clc5 chloride intracellular channel 5 [Mus musculus (house mouse)]
Official Symbol	Clc5
Synonyms	CLIC5; chloride intracellular channel 5; chloride intracellular channel protein 5; jbg; Gm322; B330005L24; 5730531E12Rik
Gene ID	224796
mRNA Refseq	NM_172621
Protein Refseq	NP_766209
UniProt ID	Q8B XK9

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