

Recombinant Mouse Asic5 Protein, Myc/DDK-tagged

Cat. No. Asic5-1745M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length acid-sensing (proton-gated) ion channel family member 5 (Asic5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cation channel that gives rise to very low constitutive currents in the absence of activation. The activated channel exhibits selectivity for sodium and lithium, and is inhibited by amiloride.
Molecular Mass	57 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Asic5 acid-sensing (proton-gated) ion channel family member 5 [Mus musculus (house mouse)]
Official Symbol	Asic5
Synonyms	Asic5; acid-sensing (proton-gated) ion channel family member 5; BL; Acc; Inac; Accn5; Blinac; acid-sensing ion channel 5; amiloride-sensitive Na ⁺ channel; amiloride-sensitive cation channel 5, intestinal; amiloride-sensitive sodium channel; brain-liver-intestine amiloride-sensitive Na(+) channel; brain-liver-intestine amiloride-sensitive sodium channel
Gene ID	58170
mRNA Refseq	NM_021370
Protein Refseq	NP_067345
UniProt ID	Q9R0Y1

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