

## Recombinant Mouse Asic5 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	57 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Asic5 acid-sensing (proton-gated) ion channel family member 5 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Asic5
<b>Synonyms</b>	Asic5; acid-sensing (proton-gated) ion channel family member 5; BL; Acc; Inac; Accn5; Blinac; acid-sensing ion channel 5; amiloride-sensitive Na <sup>+</sup> 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
<b>Gene ID</b>	58170
<b>mRNA Refseq</b>	NM_021370
<b>Protein Refseq</b>	NP_067345
<b>UniProt ID</b>	Q9R0Y1

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