

Recombinant Mouse Accn4 Protein, His-tagged

Cat. No. Accn4-30M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Accn4 Protein (Pro372-Cys539) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro372-Cys539
Description	Predicted to enable ligand-gated sodium channel activity. Acts upstream of or within behavioral fear response. Predicted to be located in membrane. Predicted to be integral component of membrane. Predicted to be integral component of plasma membrane. Is expressed in several structures, including adrenal gland; brain; gut; male reproductive gland or organ; and spinal cord mantle layer. Orthologous to human ASIC4 (acid sensing ion channel subunit family member 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.4 kDa Accurate Molecular Mass: 22 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Accn4 amiloride-sensitive cation channel 4, pituitary [Mus musculus (house mouse)]
Official Symbol	Accn4
Synonyms	ACCN4; amiloride-sensitive cation channel 4, pituitary; amiloride-sensitive cation channel 4; acid-sensing ion channel 4; Asic4; BNAC4
Gene ID	241118
mRNA Refseq	NM_183022
Protein Refseq	NP_898843
UniProt ID	Q7TNS7

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