

Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2

Catalog No: #AP79074

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Package Size: #AP79074-1 50ug #AP79074-2 100ug #AP79074-3 1mg

Description

Product Name	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Mouse
Immunogen Description	435-863AA
Other Names	Bcng2,Hac1,Brain cyclic nucleotide-gated channel 2,Hyperpolarization-activated cation channel 1,BCNG-2,HAC-1
Accession No.	O88703Gene name:Hcn2
Uniprot	O88703
GeneID	15166;
Calculated MW	47.19
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Hyperpolarization-activated ion channel exhibiting weak selectivity for potassium over sodium ions. Contributes to the native pacemaker currents in heart (If) and in neurons (Ih). Can also transport ammonium in the distal nephron. Produces a large instantaneous current.

References

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Note: This product is for in vitro research use only