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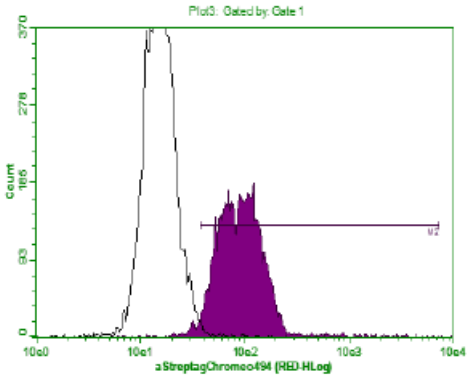
KCNA1
Human Potassium Voltage-Gated Channel Subfamily A Member 1

Catalog No.	CSH0602MP CSH0602PR	**Quantity:**	10 mg 50 µg
Alternate Names:	Kv1.1, HBK1, HUK1		
Description:	KCNA1 is a voltage-gated delayed potassium channel that is phylogenetically related to the Drosophila Shaker channel. The encoded protein has 6 putative transmembrane segments (S1-S6) and the loop between S5 and S6 forms the pore. The functional channel is a homotetramer that mediates transmembrane potassium transport in excitable membranes, primarily in the central nervous system but also in the kidney. The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.		
Gene ID:	3736		
UniProtKB:	Q09470		
Format:	Cell line, membrane preparation, or purified protein		
Source:	HEK 293 or CHO cells		
Characterization:	Expression of chimera was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.		
Affinity Tag Options:	Receptor construct: 2 X TwinStrep-Tag at amino-terminus and HIS_{10} at carboxy-terminus		

Flow cytometry on CHO cells stably overexpressing human potassium voltage-gated channel subfamily A member 1 using Strep-Tactin Chromeo 488.



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