PRODUCT INFORMATION

Tag	C-Flag Tag
Target	ACHA9
Synonyms	HSA243342, NACHRA9
Description	Human ACHA9 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9UGM1
Expression Host	HEK293
Protein Families	Ion Channels: Cys-loop Receptors
Protein Pathways	N/A
Molecular Weight	The human full length ACHA9 protein has a MW of 54.8kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene is a member of the ligand-gated ionic channel family and nicotinic acetylcholine receptor gene superfamily. It encodes a plasma membrane protein that forms homo- or hetero-oligomeric divalent cation channels. This protein is involved in cochlea hair cell development and is also expressed in the outer hair cells (OHCs) of the adult cochlea. [provided by RefSeq, Feb 2012]
Usage	Research use only
Conjugate	Unconjugated

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