Human CNGA1-Strep full length protein-synthetic nanodisc

Cat. No. FLP120745

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag&Strep Tag
Target	CNGA1
Synonyms	CNCG, CNCG1, CNG-1, CNG1, RCNC1, RCNCa, RCNCalpha, RP49
Description	Human CNGA1-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P29973
Expression Host	HEK293
Protein Families	Ion Channels: Cyclic nucleotide gated
Protein Pathways	N/A
Molecular Weight	The human full length CNGA1-Strep protein has a MW of 79.6 kDa
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
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	The protein encoded by this gene is involved in phototransduction. Along with another protein, the encoded protein forms a cGMP-gated cation channel in the plasma membrane, allowing depolarization of rod photoreceptors. This represents the last step in the phototransduction pathway. Defects in this gene are a cause of retinitis pigmentosa autosomal recessive (ARRP) disease. Multiple transcript variants have been found for this gene. [provided by RefSeq, Oct 2019]
Usage	Research use only
Conjugate	Unconjugated

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