

PRODUCT INFORMATION

C-Flag Tag Tag **Target** ACHA3

Synonyms BAIPRCK, LNCR2, NACHRA3, PAOD2

Human ACHA3 full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** P32297 **Expression Host HEK293**

Protein Families Ion Channels: Cys-loop Receptors

Protein Pathways

Formulation & Reconstitution

Storage & Shipping

The human full length ACHA3 protein has a MW of **Molecular Weight**

57.5kDa 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. Do not use solvents with

a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. 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.

This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha

and beta subunits. This locus encodes an alphatype subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated in channel that likely plays a scale in a contain the contains and in the contains a ligand-gated in the contains and contains a ligand-gated in the contains a ligand-gated gated in the contains a ligand-gated gated **Background**

role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased

susceptibility to lung cancer. Alternatively spliced transcript variants have been described.

[provided by RefSeq, Nov 2009]

Usage Research use only Conjugate Unconjugated



