# Human CHRNA5/NACHRA5 (His Tag) recombinant protein

Catalog Number: 501184



#### General Information

#### **Protein Construction**

A DNA sequence encoding the human CHRNA5 (NP\_000736.2) (Met1-Thr254) was expressed with a polyhistidine tag at the C-terminus.

#### **Organism**

Human

#### **Expression Host**

**Human Cells** 

## QC Testing

## **Purity**

> 90 % as determined by SDS-PAGE.

#### **Endotoxin**

<1.0 EU per  $\mu$ g protein as determined by the LAL method.

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### Predicted N terminal

Arg 23

#### **Molecular Mass**

The recombinant human CHRNA5 consists 243

amino acids and predicts a molecular mass of 28 kDa.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

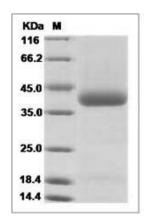
## **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human CHRNA5 Protein (His Tag)