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Datasheet for ABIN7491167 SCG3 Protein (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | SCG3 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SCG3 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human SCG3 protein with C-terminal 6xHis tag |
| Specificity: | SCG3 (Phe20-Leu468) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|---|
| Target: | SCG3 |
| Alternative Name: | SCG3 (SCG3 Products) |
| Background: | <p>SGIII</p> <p>Description: The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Granins may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and</p> |

Target Details

proteolytic processing of prohormones, however, the function of this protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Molecular Weight: predicted molecular mass of 51.8 kDa after removal of the signal peptide. The apparent molecular mass of SCG3-His is 55-70 kDa due to glycosylation.

UniProt: [Q8WXD2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months