Datasheet for ABIN7491167

SCG3 Protein (AA 20-468) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	SCG3
Protein Characteristics:	AA 20-468
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
Purification:	Purified from cell culture supernatant by affinity chromatography
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:	The protein encoded by this gene is a member of the chromogranin/secretogranin family of

Target Details

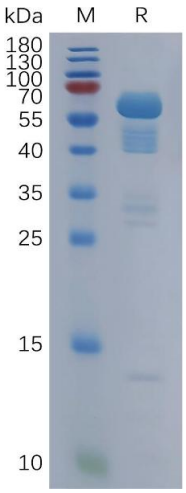
	neuroendocrine secretory proteins. Granins may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and proteolytic processing of prohormones, however, the function of this protein is unknown. Two transcript variants encoding different 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:	Lyophilized from 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



SDS-PAGE

Image 1. Human Protein, His Tag on SDS-PAGE under reducing condition.

