

Datasheet for ABIN7505584

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



[Go to Product page](#)

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

| | |
|------------------|--|
| Sequence: | Phe20-Leu468 |
| Characteristics: | Recombinant Human Secretogranin-3 is produced by our Mammalian expression system and the target gene encoding Phe20-Leu468 is expressed with a 6His tag at the C-terminus. |
| Purity: | > 90 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | <1.0 EU per µg of the protein as determined by the LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | SCG3 |
| Alternative Name: | Secretogranin 3 (SCG3 Products) |
| Background: | <p>Abbreviation: Secretogranin 3,SCG3</p> <p>Target Synonym: Secretogranin-3,Secretogranin III,SgIII,</p> <p>Background: Secretogranin-3(SCG3) is a member of the chromogranin/secretogranin family of</p> |

Target Details

neuroendocrine secretory proteins. SCG3 is expressed in brain, heart, kidney, liver and skeletal muscle. It 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.

Molecular Weight: Calculated MW: 52.0 kDa
Observed MW: 52.0 kDa

UniProt: [Q8WXD2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 um filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months