SCG3/Secretogranin-3 Protein, Human (468a.a, HEK293, His,solution)

Cat. No.:	HY-P74568
Synonyms:	Secretogranin-3; Secretogranin III; SgIII; SCG3
Species:	Human
Source:	HEK293
Accession:	Q8WXD2 (M1-L468)
Gene ID:	29106
Molecular Weight:	54-63 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Secretogranin-3 (SCG3), a member of the granin protein family, actively regulates the biogenesis of secretory granules, acting as a sorting receptor for intragranular proteins, including chromogranin A (CHGA). Beyond its role in granule formation, SCG3 may participate in angiogenesis, exerting effects on endothelial cells by promoting proliferation, migration, and tube formation through the MEK/ERK signaling pathway. The protein interacts with CHGA and secretogranin II (SCG2), contributing to the orchestration of cellular processes. Additionally, SCG3 forms interactions, specifically through its C-terminus, with Carboxypeptidase E (CPE), suggesting a potential involvement in various cellular functions and regulatory pathways.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA