PRODUCT INFORMATION

Target	SCG3
Synonyms	SGIII
Description	Recombinant human SCG3 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q8WXD2
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	SCG3(Phe20-Leu468) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 51.8 kDa after removal of the signal peptide. The apparent molecular mass of SCG3-His is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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 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]
Usage	Research use only
Conjugate	Unconjugated

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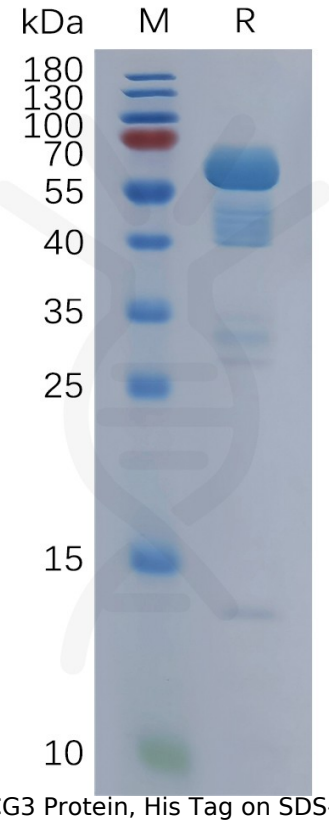


Figure 1. Human SCG3 Protein, His Tag on SDS-PAGE under reducing condition.

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