

Recombinant Human Secretogranin 3/SCG3 Protein (His Tag)

Catalog No. PKSH033289

Note: Centrifuge before opening to ensure complete recovery of vial contents.

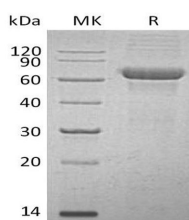
Description

Synonyms	Secretogranin-3, Secretogranin III, SgIII,
Species	Human
Expression Host	HEK293 Cells
Sequence	Phe20-Leu468
Accession	Q8WXD2
Calculated Molecular Weight	52.0 kDa
Observed molecular weight	52.0 kDa
Tag	C-His
Bioactivity	Testing in progress

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

Secretogranin-3(SCG3) is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. SCG3 is expressed in brain, heart, kidney, liver and skeletal muscle. It may serve as precursors for biologically active

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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.