

Recombinant Human SCG3 protein, His-tagged

Cat. No. SCG3-5831H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCG3 protein(Q8WXD2-1)(Phe20-Leu468), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe20-Leu468
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human SG3, His Tag at 0.5ug/ml (100ul/Well) on the plate. Dose response curve for Anti-SG3 Antibody, hFc Tag with the EC50 of 5.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52.1 kDa. Due to glycosylation, the protein migrates to 55-68 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

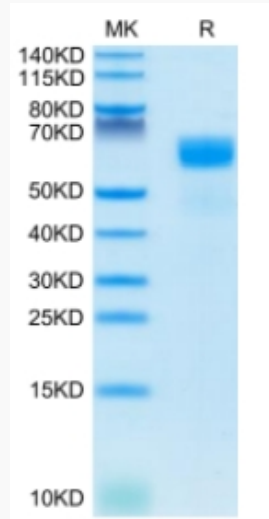
Gene Name	SCG3 secretogranin III [Homo sapiens]
Official Symbol	SCG3
Synonyms	SCG3; secretogranin III; secretogranin-3; FLJ90833; SGIII;
Gene ID	29106
mRNA Refseq	NM_001165257
Protein Refseq	NP_001158729
MIM	611796
UniProt ID	Q8WXD2

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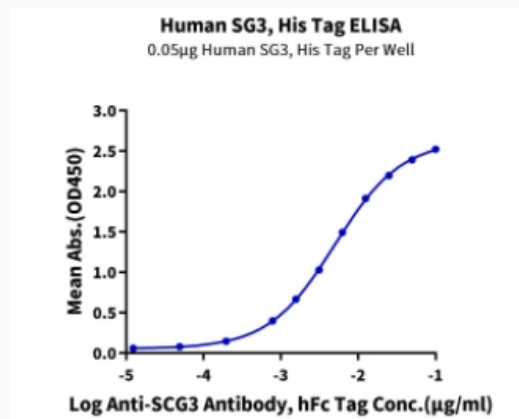
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Tris-Bis PAGE



ELISA Data



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