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Product Data Sheet

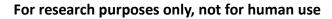
Recombinant Human SCG5 Protein

Catalog # Sourc	ce Reactivity	Applications
CRP2240 Huma	an cells Human	E, WB, SDS-PAGE, MS
Description Recombinant Human SCG5 Protein is produced by our Mammalian expression		
	system and the target gen	e encoding Tyr27-Glu212 is expressed with a 6His tag at
	the C-terminus	
Form	Supplied as a 0.2 μ M filter	ed solution of 20mM Tris-HCl, 150mM NaCl, 1mM DTT,
	10% Glycerol, pH 8.0.	
Gene Symbol	SCG5	
Alternative Names	SGNE1; Neuroendocrine p	rotein 7B2; Pituitary polypeptide; Secretogranin V;
	Secretogranin-5; Secretory	granule endocrine protein I
Entrez Gene	6447 (Human)	
SwissProt	P05408 (Human)	
Purity	Greater than 95% as deter	mined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	YSPRTPDRVS EADIQRLLHG	VMEQLGIARP RVEYPAHQAM NLVGPQSIEG GAHEGLQHLG
	PFGNIPNIVA ELTGDNIPKD	FSEDQGYPDP PNPCPVGKTA DDGCLENTPD TAEFSREFQL
	HQHLSDPEHD YPGLGKWN	KK LLYEKMKGGE RRKRRSVNPY LQGQRLDNVV AKKSVPHFSD
	EDKDPEVDHH HHHH	
Quality Control	Endotoxin: Less than 0.1 n	g/μg (1 IEU/μg) as determined by LAL test.
Directions for Use	Always centrifuge tubes be	efore opening. Do not mix by vortex or pipetting. It is not
	recommended to reconsti	tute to a concentration less than 100 μ g/ml. Dissolve the
	lyophilized protein in 1X P	BS. Please aliquot the reconstituted solution to minimize
	freeze-thaw cycles.	
Storage/Stability	Lyophilized protein should	be stored at -20°C, though stable at room temperature

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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