

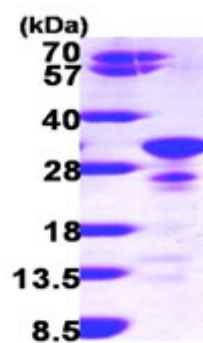
AR09631PU-L

Human Secretogranin-5 (SCG5) (27-212, His-tag) - Purified

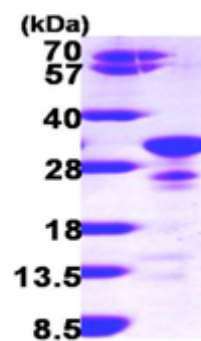
Alternate names:	Neuroendocrine protein 7B2, Pituitary polypeptide, SGNE1, Secretogranin V, Secretory granule endocrine protein I
Quantity:	0.25 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	SCG5, also known as Neuroendocrine protein 7B2, is widely distributed in neuroendocrine tissues. It functions as a chaperone protein for the proprotein convertase PC2 and is required for the production of an active PC2 enzyme.
Uniprot ID:	P05408
NCBI:	NP_001138229
GeneID:	6447
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF
Description:	Recombinant human SCG5 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MYSRTPDRV SEADIQRLLH GVMEQLGIAR PRVEYPAHQA MNLVGPQSIE GGAHEGLQHL GPFGNIPNIV AELTGDNIPK DFSEDQGYPD PPNPCPVGKT ADDGCLENTP DTAEFSREFQ LHQHLSDEPH DYPGLGKWNK KLLYEKMKGG ERRKRRSVNP YLQGQRLDNV VAKKSVPHFS DEKDPLEH HHHHH Molecular weight: kDa (195aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Mbikay M., et al.. (2001) Biochem. J. 357: 329–42. Taupenot L, et al. (2003) N Engl J Med. 348 (12): 1134–49.

Pictures:

Recombinant human SCG5, 27-212 aa,
His-tagged



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)