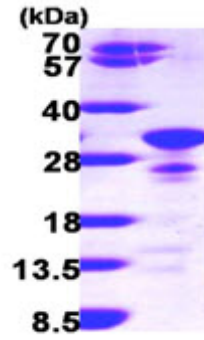


**AR09631PU-N****Human Secretogranin-5 (SCG5) (27-212, His-tag) - Purified**

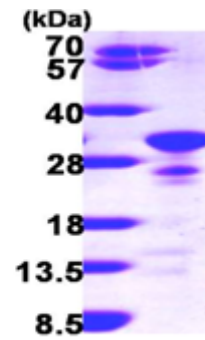
<b>Alternate names:</b>	Neuroendocrine protein 7B2, Pituitary polypeptide, SGNE1, Secretogranin V, Secretory granule endocrine protein I
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	SCG5, also known as Neuroendocrine protein 7B2, is widely distributed 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.
<b>Uniprot ID:</b>	<a href="#">P05408</a>
<b>NCBI:</b>	<a href="#">NP_001138229</a>
<b>GeneID:</b>	<a href="#">6447</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >85% by SDS - PAGE <b>Buffer System:</b> 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF
<b>Description:</b>	Recombinant human SCG5 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MYSRTPDRV SEADIQRL LH GVMEQLGIAR PRVEYPAHQ A MNLVGPQSIE GGAHEGLQHL GPFGNIPNIV AELTGDNIPK DFSEDQGYPD PPNPCPVGKT ADDGCLENTP DTAEFSREFQ LHQHLSDPEH DYPGLGKWNK KLLYEKMKGG ERRKRRSVNP YLQGQRLDNV VAKKSVPHFS DEDKDPELEH HHHHH <b>Molecular weight:</b> kDa (195aa), confirmed by MALDI-TOF
<b>Storage:</b>	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.
<b>General Readings:</b>	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)