

Product datasheet for AR09631PU-N

OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: Secretogranin-5 (SCG5) (27-212, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MYSPRTPDRV SEADIQRLLH GVMEQLGIAR PRVEYPAHQA MNLVGPQSIE GGAHEGLQHL GPFGNIPNIV AELTGDNIPK DFSEDQGYPD PPNPCPVGKT ADDGCLENTP DTAEFSREFQ LHQHLSDPEH DYPGLGKWNK KLLYEKMKGG ERRKRRSVNP YLQGQRLDNV VAKKSVPHFS

DEDKDPELEH HHHHH

Tag: His-tag

Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT,

0.1 mM PMSF

Preparation: Liquid purified protein

Protein Description: Recombinant human SCG5 protein, fused to His-tag at C-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

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.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001138229

Locus ID: 6447

UniProt ID: P05408, A0A024R9I1

Cytogenetics: 15q13.3

Synonyms: 7B2; P7B2; SGNE1; SgV





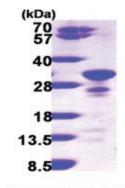
Summary:

This gene encodes a secreted chaperone protein that prevents the aggregation of other secreted proteins, including proteins that are associated with neurodegenerative and metabolic disease. The encoded protein may be best known for its role in the trafficking and activation of prohormone convertase PC2 (encoded by Gene ID: 5126). Phosphorylation of the encoded protein has been shown to have an inhibitory effect on its chaperone function. This gene also produces a ARHGAP11A-SCG5 readthrough transcript and ARHGAP11A-SCG5 protein. [provided by RefSeq, Feb 2019]

Protein Families:

Secreted Protein

Product images:



15% SDS-PAGE (3ug)