

## SCG5 Human

**Description:** SCG5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 195 amino acids (27-212 a.a.) and having a molecular mass of 22 kDa. SCG5 is fused to a 8 amino acid His tag at C-terminus and purified by standard chromatography techniques.

**Catalog #:** PRPS-474

For research use only.

**Synonyms:** 7B2, SgV, P7B2, SGNE1, Secretogranin-5, Secretory granule endocrine protein I.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless liquid formulation.

**Amino Acid Sequence:** MYSPRTPDRV SEADIQRLLH GVMEQLGIAR PRVEYPAHQA  
MNLVGPQSIE GGAHEGLQHL GPFGNIPNIV AELTGDNIPK DFEQDQGYDPPNCPVGKT  
ADDGCLNTPT DTAEFSSREFQ LHQHLSDEPH DYPGLGKWNK KLLYEKMKGK ERRKRRSVNP  
YLQGQRLDNV VAKKSVPFHS DEDKDPELEH HHHHH.

**Purity:** Greater than 85% as determined by SDS-PAGE.

**Formulation:**

FABP3 His-Tag 0.5mg/ml protein solution is supplied in 20mM Tris-HCl pH-8, 0.1mM PMSF, 1mM DTT, 0.1M NaCl and 20% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

SCG5 also called 7B2 protein is localized in neuroendocrine tissues. SCG5 functions as a chaperone protein for the proprotein convertase PC2 and is essential for the production of an active PC2 enzyme.

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