

Recombinant Human SCGN protein, GST-tagged

Cat. No. SCGN-1821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCGN protein(1-276 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-276 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MDSSREPTLGRLDAAGFWQVWQRFDADEKGYIEEKELDAFFLHMLMKLGTDDTVM KANLHKVKQQFMTTQDASKDGRIMKELAGMFLSEDENFLLFRRENPLDSSVEFM QIWRKYDADSSGFISAAELRNFLRDLFLHHKKAISEAKLEEYTGTMKIFDRNKDGRL DLNDLARILALQENFLLQFKMDACSTEERKRDFEKIFAYYDVSKTGALEGPEVDGFV KDMMELVQPSISGVDLDKFREILLRHCDVNVKDGKIQKSELALCLGLKINP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	SCGN secretagodin, EF-hand calcium binding protein [Homo sapiens]
Official Symbol	SCGN
Synonyms	SCGN; secretagodin, EF-hand calcium binding protein; secretagodin; calbindin like; CALBL; DJ501N12.8; SECRET; SEGN; setagin;
Gene ID	10590
mRNA Refseq	NM_006998
Protein Refseq	NP_008929
MIM	609202
UniProt ID	O76038

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