

Product datasheet for PH301359

SCGN (NM_006998) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SCGN MS Standard C13 and N15-labeled recombinant protein (NP_008929)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201359
Predicted MW:	31.9 kDa
Protein Sequence:	>RC201359 representing NM_006998 Red=Cloning site Green=Tags(s) MDSREPTLGRLDAAGFVQVWQRFDADEKGYIEEKELDAFFLHMLMKLGTDDTVMKANLHKVKQQFMTTQ DASKDGRIRMKELAGMFLSEDEFLLFRRENPLDSSVEFMQIWRKYDADSSGFI SAAELRNFLRDLFLH HKKAISEAKLEEYTGMMKIFDRNKDGRDLNDLARILALQENFLLQFKMDACSTEERKRD FEKIFAYYD VSKTGALEGPEVDGFVKDMMELVQPSISGVLDLDFREILLRHCDVNVKDGKI QKSELALCLGLKINP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_008929
RefSeq Size:	1492
RefSeq ORF:	828
Synonyms:	CALBL; DJ501N12.8; SECRET; SEGN; setagin
Locus ID:	10590
UniProt ID:	O76038

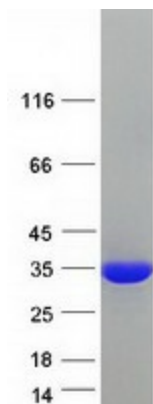


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Cytogenetics: 6p22.2

Summary: The encoded protein is a secreted calcium-binding protein which is found in the cytoplasm. It is related to calbindin D-28K and calretinin. This protein is thought to be involved in KCL-stimulated calcium flux and cell proliferation. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SCGN protein (Cat# [TP301359]). The protein was produced from HEK293T cells transfected with SCGN cDNA clone (Cat# [RC201359]) using MegaTran 2.0 (Cat# [TT210002]).