

Recombinant Human SCLY Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SCLY-5213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SCLY MS Standard C13 and N15-labeled recombinant protein (NP_057594) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Selenocysteine lyase (SCLY; EC 4.4.1.16) catalyzes the pyridoxal 5-prime phosphate-dependent conversion of L-selenocysteine to L-alanine and elemental selenium.
Molecular Mass	48.2 kDa
AA Sequence	MEAAVAPGRDAPAPAASQPSGCGKHNSPERKVYMDYNATTPLEPEVIQAMTKAMW EAWGNPSSPYSAGRKAKDIINAARESLAKMIGGKPQDIIFTSGGTESNNLVIHSVVKH FHANQTSKGHTGGHHSPVKGAKPHFITSSVEHDSIRLPLEHLVEEQVAAVTFVPVSK VSGQTEVDDILAAVRPTTRLVTIMLANNETGIVMPVPEISQRIKALNQERVAAGLPPI VHTDAAQALGKQRVDVEDLGVDFTIVGHKFYGPRIAGLYIRGLGEFTPLYPMLFGG GQERNFRPGTENTPMIAGLGKAAELVTQNCEAYEAHMRDVRDYLEERLEAEFGQK RIHLNSQFPGTQRLPNTCNFSIRGPRLQGHVLAQCRVLMASVGAACHSDHGDQPS PVLLSYGVFPDVARNALRLSVGRSTTRAEDLVVQDLKQAVAQLEDQATRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

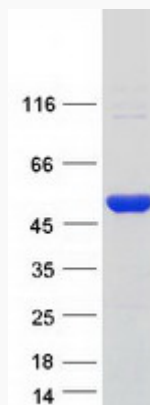
GENE INFORMATION

Gene Name	SCLY selenocysteine lyase [Homo sapiens (human)]
Official Symbol	SCLY
Synonyms	SCLY; selenocysteine lyase; putative selenocysteine lyase; SCL; hSCL;
Gene ID	51540
mRNA Refseq	NM_016510
Protein Refseq	NP_057594
MIM	611056
UniProt ID	Q96I15

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SDS-PAGE

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