

Recombinant Human SCLY Protein

Catalog #	Source	Reactivity	Applications
CRP2243	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SCLY Protein is produced by our E. coli expression system and the target gene encoding Met1-Ala445 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	SCLY		
Alternative Names	SCL; Selenocysteine lyase; hSCL		
Entrez Gene	51540 (Human)		
SwissProt	Q96I15 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MEAAVAPGRD APAPAASQPS GCGKHNSPER KVYMDYNATT PLEPEVIQAM TKAMWEAWGN PSSPYSAGRK AKDIINAARE SLAKMIGGKPK QDIIFTSGGT ESNLVIHSV VKHFHANQTS KGHTGGHHSP VKGAKPHFIT SSVEHDSIRL PLEHLVEEQV AAVTFVPVSK VSGQTEVDDI LAAVRPTTRL VTIMLANNET GIVMPVPEIS QRIKALNQER VAAGLPPILV HTDAAQALGK QRVDVEDLGV DFLTIVGHKF YGPRIGALYI RGLGEFTPLY PMLFGGGQER NFRPGTENTP MIAGLGKAAE LVTQNCEAYE AHMRDVRDYL EERLEAEFGQ KRIHLNSQFP GTQRLPNTCN FSIRGPRLQG HVVLAQCRVL MASVGAACHS DHGDQPSPVL LSYGVFPDVA RNALRLSVGR STTRAEVDLV VQDLKQAVAQ LEDQA		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

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