

# Product datasheet for TP720552

# SCLY (NM\_016510) Human Recombinant Protein

### **Product data:**

#### OriGene Technologies, Inc.

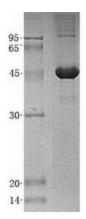
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Product Type:	Recombinant Proteins
Description:	Recombinant protein of human selenocysteine lyase (SCLY)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ala445
Tag:	N-His
Predicted MW:	50.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 057594</u>
Locus ID:	51540
UniProt ID:	<u>Q96I15, B4DDP9, A0A0A0MQU4, Q59FK2</u>
Cytogenetics:	2q37.3
Synonyms:	hSCL; SCL
Summary:	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 (Mihara et al., 2000 [PubMed 10692412]).[supplied by OMIM, Mar 2008]
Protein Pathways:	Metabolic pathways, Selenoamino acid metabolism



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# **Product images:**



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