

Product datasheet for **TP720552M**

SCLY (NM_016510) Human Recombinant Protein

Product data:

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 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg 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:	NP_057594
Locus ID:	51540
UniProt ID:	Q96I15 , B4DDP9 , A0A0A0MQU4 , Q59FK2
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



[View online »](#)

Product images:

