

## Recombinant Human SCLY, His tagged

**Cat. No.** SCLY-282H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SCLY (AAH07891.1) (Met1-Ala445), fused with a C-terminal polyhistidine tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-445 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant human SCLY consists of 455 amino acids and predicts a molecular mass of 49.5 KDa. The apparent molecular mass of the protein is approximately 46 KDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** SCLY selenocysteine lyase [ Homo sapiens ]

**Official Symbol** SCLY

**Gene ID** 51540

**mRNA Refseq** NM\_016510

**Protein Refseq** NP\_057594

**MIM** 611056

**UniProt ID** Q96I15

**Chromosome Location** 2q37.3

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