

## Recombinant Human SCLY Protein (His Tag)

**Catalog Number:** PKSH033015

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

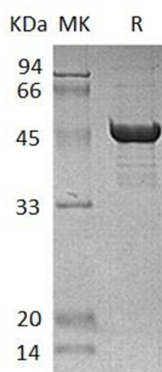
### Description

<b>Species</b>	Human
<b>Source</b>	E.coli-derived Human SCLY protein Met 1-Ala445, with an N-terminal His
<b>Calculated MW</b>	50.3 kDa
<b>Observed MW</b>	50-55 kDa
<b>Accession</b>	Q96115
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/ gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Selenocysteine Lyase belongs to the class-V pyridoxal-phosphate-dependent aminotransferase family. Selenocysteine Lyase exists as a homodimer in the cytosol. In the brain, Selenocysteine Lyase is an enzyme that putatively salvages Sec and recycles the selenium for selenoprotein translation. Selenocysteine Lyase catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium. Selenocysteine Lyase can be up-regulated in acute glomerulonephritis, it can also be regulated by JUN/AP-1.

### For Research Use Only

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