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Datasheet for ABIN7318999
SCLY Protein (His tag)

Overview

Quantity:	50 µg
Target:	SCLY
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCLY protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SCLY Protein (His Tag)
Sequence:	Met 1-Ala445
Characteristics:	Recombinant Human Selenocysteine Lyase 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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SCLY
Alternative Name:	SCLY (SCLY Products)
Background:	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 as an enzyme that putatively salvages Sec and recycles the

Target Details

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.

Synonym: Selenocysteine Lyase, hSCL, SCLY, SCL

Molecular Weight: 50.3 kDa

UniProt: [Q96115](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
