

Recombinant Human Selenocysteine Lyase/SCLY Protein(N-6His)

Cat.NO.: TP06108

3th Edition

Synonyms:Selenocysteine Lyase; hSCL; SCLY; SCL

Description: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 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.

Form:PBS

Molecular Weight:50.3 kDa

Sequences:Met 1-Ala445

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.