

32-8078: Recombinant Human Selenocysteine Lyase/SCLY (N-6His)

Gene : SCLY
Gene ID : 51540
Uniprot ID : Q96I15

Description

Source: E.coli.
MW :50.34kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHSSGLVPRGSHMEAAVAPGRDAPAPAASQPSGCGKHNSPERKVYMDYNATTPLEPEVIQAMT
KAMWEAWGNPSSPYSAGRKAKDIINAARESLAKMIGGKPQDIIFTSGGTESNNLVIHSVVKHFHANQTSKGHT
GGHHSPVKGAKPHFITSSVEHDSIRLPLEHLVEEQVAAVTFVPVSKVSGQTEVDDILAAVRPTTRLVTIMLANNE
TGIVMPVPEISQRIKALNQERVAAGLPPILVHTDAAQALGKQRVDVEDLGVDFLTIVGHKFGYGPRIALYIRGLGE
FTPLYPMLFGGGQERNFRPGTENTPMIAGLGKAAELVTQNCAYEAHMRDVRDYLEERLEAEFGQKRIHLNSQ
FPGTQRLPNTCNFSIRGPRQLQGHVVLAQCRVLMASVGAACHSDHGDQPSPVLLSYGVFPDVARNALRLSVGR
STTRAEVDLVVQDLKQAVAQLEDQA

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.