



Recombinant Escherichia coli O6:K15:H31 Cysteine desulfurase (sufS)

Product Code	CSB-EP607017EGY-B
Abbreviation	sufS
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q0THE9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTFSVDKVRA DFPVLSREVN GLPLAYLDSA ASAQKPSQVI DAEAEFYRHG YAAVHRGIHT LSAQATEKME NVRKRASLFI NARSAEELVF VRGTTEGINL VANSWGNSNV RAGDNIISQ MEHHANIVPW QMLCARVGAE LRVIPLNPDG TLQLETLPTL FDEKTRLLAI THVSNVLGTE NPLAEMITLA HQHGAKVLVD GAQAVMHPV DVQALDCDFY VFSVHKLYGP TGIGILYVKE ALLQEMPPWE GGGSMIATVS LSEGTTWTKA PWRFEAGTPN TGGIIGLGAA LEYVSALGLN NIAEYEQNLN HYALSQLESV PDLTLYGPQN RLGVI AFNLG KHHAYDVGSF LDNYGIAVRT GHHCAMPLMA YYNVPAMCRA SLAMYNTHEE VDRLVTGLQR IHRLLG
Source	E.coli
Target Names	sufS
Protein Names	Recommended name: Cysteine desulfurase EC= 2.8.1.7 Alternative name(s): Selenocysteine beta-lyase Short name= SCL Selenocysteine lyase EC= 4.4.1.16 Selenocysteine reductase
Expression Region	1-406
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.