



# Recombinant Nitrosomonas europaea Glutamate-1-semialdehyde 2,1-aminomutase (hemL)

<b>Product Code</b>	CSB-MP767703NHH
<b>Abbreviation</b>	hemL
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q82UQ8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Nitrosomonas europaea (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTITNQQLF E RSRQYIPGGV NSPVRAF KSV GGTPVFFQRG QGAYFWDVEG KSYIDYVGSW GPLILGHAHP DVVRAVQIAA GHGTSFGAPT AAELEIAELL CROLLPSLEMV RLVSSGTEAG MSAIRLARGY TGRNRIIKFE GCYHGHDDAL LVKAGSGALT FGHPSSAGVP AETAGHTLVL NYNDVAGVEE TFSKMGTEIA AVIVEPVAGN MNLIKATSQF LETLRTLCTK HGSLILDEV MTGFRVGL E C AQGLYG I KPD LTILGKVIGG GLPMAAFGGR RDVMECLAPL GSVYQAGT LS GNPVAVAAGL ETLHQIQVPG FFDKLTSTMTR KLTEGLTAVA AKHSVAFCAQ AVGGMFGLYF RKSPPEFAE VMESDREAFN HFFHAMLKEG VYFAPSAFEA GFVSAHSNE EIDKTLAVAD RIFGQGMRRRT EKATL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	hemL
<b>Protein Names</b>	Recommended name: Glutamate-1-semialdehyde 2,1-aminomutase Short name= GSA EC= 5.4.3.8 Alternative name(s): Glutamate-1-semialdehyde aminotransferase Short name= GSA-AT
<b>Expression Region</b>	1-435
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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

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