



Recombinant Probable gamma-butyrobetaine dioxygenase (gbh-1)

Product Code	CSB-EP615182CXY
Abbreviation	gbh-1
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.	Q19000
Product Type	Recombinant Protein
Immunogen Species	Caenorhabditis elegans
Purity	>85% (SDS-PAGE)
Sequence	MLSALLIRNI RNASKLASVA GPNSDRIVNV KWSDGKTGVF PLIWLRDTSP DPSTYTISPA MTARKLTMLE FDVEQNARKL WIDEDANCLK IEWESGVLSE FPSEWLKIRN PSDQEARRRR RKVYLFPEQT WGKAEIEGKL KKFSHEEFMK NEQVVHDFLQ AVCIDGIAVL KGAPQGVARGA VEAIGDRIGM IKRTHFGLVF EVSLKADASN MAYASNGGLP FHTDFPSLSH PPQLQMLHML QSAEEGGHSL FVDGFHVAEQ LRVEKPEIFK ILTTQSMEYI EEGYDVHEIN GKTIRFDYDM CARHKVIRLN DDGKVNKIQF GNAMRSWFYD CEP SKVQDVY RAMKTFTEYC YQPRNMLKFR LEDGDTVLWA NQRLLHTRDG FRNAPEKART LTGCYFDWDI VKSRVRFLRD KLSLEQNQPS A
Source	E.coli
Target Names	gbh-1
Protein Names	Recommended name: Probable gamma-butyrobetaine dioxygenase EC=1.14.11.1 Alternative name(s): Gamma-butyrobetaine hydroxylase Short name=Gamma-BBH Gamma-butyrobetaine,2-oxoglutarate dioxygenase
Expression Region	1-421
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.