



Recombinant *Saccharomyces cerevisiae* Cys-Gly metallodipeptidase DUG1 (DUG1)

Product Code	CSB-YP331893SVG
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.	P43616
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSHSLTSVFQ KIDSLKPQFF SRLTKAIQIP AVSSDESLRS KVFDKAKFIS EQLSQSGFHD IKMVDLGIQP PPISTPNLSL PPVILSRFGS DPSKKTVLVY GHYDVQPAQL EDGWDTEPFK LVIDEAKGIM KGRGVTD DDTG PLLSWINVVD AFKASGQEFV VNLVTCFEGM EESGSLKLDE LIKKEANGYF KGVDVAVCISD NYWLGTKKPV LTYGLRGCNY YQTIIEGPSA DLHSGIFGGV VAEP MIDLMQ VLGSLVDSKG KILIDGIDEM VAPL TEKEKA LYKDIEFSVE ELNAATGSKT SLYDKKEDIL MHRWRYP SLS IHGVEGAFSA QGAKTVIPAK VFGKFSIRTV PDMDSEKLTS LVQKHCDAKF KSLNSPNKCR TELIHDGAYW VSDPFNAQFT AAKATKLVY GVDPDF TREG GSIPITLTFQ DALNTSVLLL PMGRGDDGAH SINEKLDISN FVGGMKTMAA YLQYYSESPE N
Source	Yeast
Target Names	DUG1
Protein Names	Recommended name: Cys-Gly metallodipeptidase DUG1 EC= 3.4.13.- Alternative name(s): Deficient in utilization of glutathione protein 1 GSH degradosomal complex subunit DUG1
Expression Region	1-481
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.