



Recombinant *Drosophila melanogaster* UDP-glucose 6-dehydrogenase (sgl)

Product Code	CSB-MP025567DLU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O02373
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MKVCCIGAGY VGGPTCAVMA LKCPDIVITL VDKSSERIAQ WNSDKLPIYE PGLDEVVKKC RNVNLFSTD IETAIKEADL IFISVNTPTK TCGNGKGRAA DLKYVESAAR MIAEIAQSNK IVVEKSTVPV RAAESIMHIL RANQKPGIHY DILSNPEFLA EGTAINDLLN ADRVLIIGGEE TPEGHQAWEK LSWIYEHWIP KQNILTTNTW SSELSKLAAN AFLAQRISI NSLSAVCEAT GADVSEVARA VGLDSRIGSK FLQASVGFEGG SCFQKDILNL IYICENLNLP EVAAYWQQVI DMNEYQKRRF SQKIIESLFN TVSDKRIAIL GFAPKNTGD TRETAAITVC QTLLEEGAAL DIYDPKVEPE QIDDLTHPS VTESPEKVKK AVQIHSDPYS AVRATHALVI CTEWDEFVDL DFKRIYQSMK KPAYIFDGRK ILDBERLQKI GFHVQTIGKK YQRTGLLRSW GIVPQL
Source	Mammalian cell
Target Names	sgl
Protein Names	Recommended name: UDP-glucose 6-dehydrogenase Short name= UDP-Glc dehydrogenase Short name= UDP-GlcDH Short name= UDPGDH EC= 1.1.1.22 Alternative name(s): Protein sugarless Protein suppenkasper
Expression Region	1-476
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.