



Recombinant UDP-glucose 6-dehydrogenase (hasB)

Product Code	CSB-EP726291SMZ
Abbreviation	hasB
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.	Q5X9A8
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MKIAVAGSGY VGLSLGVLLS LQNEVTIVDI LPSKVDKINN GLSPIQDEYI EYYLKSQQLS IKATLDSKAA YKEAELVIA TPTNYSRIN YFDTQHVETV IKEVLSVNSH ATLIKSTIP IGFITEMRQK FQTDRIIFSP EFLRESKALY DNLYPRIIV SCEENDSPKV KADAEKFALL LKSAACKNNV PVLIMGASEA EAVKLFANTY LALRVAYFNE LDTYAESRKL NSHMIIQGIS YDDRIGMHYN NPSFGYGGYC LPKDTKQLLA NYNNIPQTLI EAIVSSNNVR KSYIAKQIIN VLKEQESPVK VVG VYRLIMK SNSDNFRESA IKDVIDILKS KDIKIIYEP MLNKLESEDQ SVLVNDLENF KKQANIIVTN RYDNELQDVK NKVYSRDIFG RD
Source	E.coli
Target Names	hasB
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
Expression Region	1-402
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.