



Recombinant Flavohemoprotein (hmp)

Product Code	CSB-YP762462SZB
Abbreviation	hmp
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.	Q7C0F9
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	≥85% (SDS-PAGE)
Sequence	MLDAQTIATV KATIPLLKET GPKLTAHFYD RMFTHNPELK EIFNMSNQNR GDQREALFNA IAAYASNIEN LPALLPAVEK IAQKHTSFQI KPEQYNIVGE HLLATLDEMF SPGQEVLDWV GKAYGVLAVN FINREAEIYN ENASKAGGWE GTRDFRIVAK TPRSALITSF ELEPVDGGAV AEYRPGQYLG VWLKPEGFPH QEIRQYSLTR KPDGKGYRIA VKREEGGQVS NWLHNHANVG DVVKLVAPAG DFFMAVADDT PVTLISTGVG QTPMLAMLDL LAKAGHTAQV NWFHAAENGE VHAFADDEVKE LGQSLPRFTA HTWYRQPSEA DRAKGQFDSE GLMDLSKLEG AFSDPTMQFY LCGPVGFMQF TAKQLVDLGV KQENIHIECF GPHKVL
Source	Yeast
Target Names	hmp
Protein Names	Recommended name: Flavohemoprotein Alternative name(s): Flavohemoglobin Hemoglobin-like protein Nitric oxide dioxygenase Short name= NO oxygenase Short name= NOD EC= 1.14.12.17
Expression Region	1-396
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.