



# Recombinant Flavohemoprotein (hmp)

<b>Product Code</b>	CSB-EP751985EOD
<b>Abbreviation</b>	hmp
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7ABK6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MLDAQTIATV KATIPLLVET GPKLTAHFYD RMFTHNPELK EIFNMSNQRN GDQREALFNA IAAYASNIEN LPALLPAVEK IAQKHTSFQI KPEQYNIVGE HLLATLDEMFP SPGQEVLDVAW GKAYGVLANV FINREAEIYN ENASKAGGWE GTRDFRIVAK TPRSALITSF ELEPVDGGAV AEYRPGQYLG VWLKPEGFPH QEIRQYSLTR KPDGKGYRIA VKREEGGQVS NWLHNHANVG DVVKLVAPAG DFFMAVADDT PVT LISAGVG QTPMLAMLDL LAKAGHTAQV NWFHAAENGD VHAFADDEVKE LGQSLPRFTA HTWYRQPSEA DRAKGQFDSE GLMDLSKLEG AFSDPTMQFY LCGPVGFMQF AAKQLVDLGV KQENIHYEFC GPHKVL
<b>Source</b>	E.coli
<b>Target Names</b>	hmp
<b>Protein Names</b>	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
<b>Expression Region</b>	1-396
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.