



Recombinant *Xenopus laevis* Diphthamide biosynthesis protein 2 (dph2)

Product Code	CSB-EP732208XBE
Abbreviation	dph2
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.	Q6DE00
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	≥85% (SDS-PAGE)
Sequence	MAAALFSSNG EEAIGRNIDI GQVDIQSSPE KDLGEFYEIE KTVEFIQRNA AQKVALQFPD DLLLDVSKVA RKLEEATGAK TYILGDTSYG SCCVDEVAEE HVKANVLVHY GRACLSPCCR LPVSYVFGK AVNMDLCAEA FLSHYRDTES HVVVLSDVVY DHALGELAKR IRSAYPNVIF SKLTSCGETA SPDEIVKFGK RFSPDLRLWP ESYGIFYVGG EGSTLNNLML TWPRCSFFSF NPFTGEGRTE GLHVNRLMI RFYLIERARD AHVFGILVGT LGVSDYLSAL KHLKNIHHLA GKKSVMFSVG KLNPAKLANF PEIDVFLVA CPENSLDSS EFKPVVTPD EMEACNPAR EWHGYCITNF RELLPGGSAY VEFPETDPSD AHHTDVSLIT GNLRSSHDTV AETLEKSDT SLVQRNSKTA LAQMSSAASY LASRSWQGLD KALGQTPVVK AVEGRKGIAI AYEDEICS
Source	E.coli
Target Names	dph2
Protein Names	Recommended name: Diphthamide biosynthesis protein 2 Alternative name(s): DPH2 homolog
Expression Region	1-478
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.