



Recombinant *Xenopus laevis* Pituitary homeobox 2 (pitx2)

Product Code	CSB-YP886118XBE
Abbreviation	pitx2
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.	Q9PWR3
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MNSMKEPLHL DHLAGSRVAA ASSHHHHHHH HQHQVTVLVS MASSLGQRSG ECKSRLEVHT ISDTSSPDTA DKDKSHQTKN EDSSTDDPSK KKRQRRQRTH FTSQQLQELE ATFQRNRYPD MSTREEIAVW TNLTEARVRV WFKNRRAKWR KRERNQQAEL CKNGFGPQFN GLMQPYDDMY PSYSYNNWAA KGLTSASLST KSFPFFNSMN VNPLSSQSMF SSPNSISSMS MSSGMVPSAV TGVPGSSLNS LNNLNNLSNP SLNTAVPTSA CPYAPPTPPY VYRDTCNSSL ASLRLKAKQH SSFGYATVQT PGSNLSACQY AVDRPV
Source	Yeast
Target Names	pitx2
Protein Names	Recommended name: Pituitary homeobox 2 Alternative name(s): Homeobox protein PITX2 Paired-like homeodomain transcription factor 2 xPtx2
Expression Region	1-326
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.