



Recombinant *Xenopus tropicalis* Iroquois-class homeodomain protein irx-4 (irx4)

Product Code	CSB-YP718068XBF
Abbreviation	irx4
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.	Q688D0
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MSYPQFGYPY SSTPQFLMTT NSLSTCCCESS GRSLSDSAAA ASAQTPVYCP VYESRLLATA RHELNSAAAL GVGSPYTST QGYGNYVTYG ADASAFYSLN AFESKDGTGS AHAGIPQTAA YYPYEHTLSQ YQYDRYGTMD GSTRRKNATR ETTSTLKAWL QEHRKNPYPT KGEKIMLAI TKMTLTQVST WFANARRRLK KENKMTWPPR NKCSDEKRPY DEEEEEEEEE DSQKATIKNE KKIVDEEVAR EDKALDLSDL EDFDAIESES SECELKQPFH HQPQDGHQLR QRDCVNDHCK DVILKMPITP AANQELDRTK ICHKPGVDQC EQEVLGRGR GGESKACFQQ QQILDSKPRI WSLAHTATSL NQTEYPSCML KHQGLSSPSS SSSSSAVSTP VCVIDRRQDS PVTSLRNWVD GVFDHPLFRH STLNQALTNT TVSWATTKGT LIDSGSLGRS VGNPTNAIKG QLPNIPHTN KEFIAFQKSG SKMFCS
Source	Yeast
Target Names	irx4
Protein Names	Recommended name: Iroquois-class homeodomain protein irx-4 Alternative name(s): Iroquois homeobox protein 4
Expression Region	1-496
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.