



Recombinant Mouse Homeobox protein DLX-3 (Dlx3)

Product Code	CSB-EP720656MO
Abbreviation	Dlx3
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.	Q64205
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MSGSFDRKLS SILTDISSSL SCHAGSKDSP TLPESTVTDL GYYSAPQHDY YSGQPYGQTV NPYTYHHQFN LNGLAGTGAY SPKSEYTYGG SYRQYGAYRE QPLPAQDPVS VKEEPEAEVR MVNGKPKKVR KPRTIYSSYQ LAALQRRFQK AQYLALPERA ELAAQLGLTQ TQVKIWFQNR RSKFKKLYKN GEVPLEHSPN NSDSMACNSP PSPALWDTSS HSTPAPARNP LPPPLPYSAS PNYLDDPTNS WYHTQNLSGP HLQQQPPQPA TLHHASPGPP PNP GAVY
Source	E.coli
Target Names	Dlx3
Protein Names	Recommended name: Homeobox protein DLX-3
Expression Region	1-287
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
Target Details	Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeobox that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. Trichodontoosseous syndrome (TDO), an autosomal dominant condition, has been correlated with DLX3 gene mutation. This gene is located in a tail-to-tail configuration with another member of the gene family on the long arm of chromosome 17. Mutations in this gene have been associated with the autosomal dominant conditions trichodontoosseous syndrome and amelogenesis imperfecta with taurodontism.
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.