



Recombinant Human Homeobox protein DLX-1 (DLX1)

Product Code	CSB-EP006952HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P56177
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTMTTMPESL NSPVSGKAVF MEFGPPNQQM SPSPMSHGHY SMHCLHSAGH SQPDGAYSSA SSFSRPLGYP YVNSVSSHAS SPYISSVQSY PGSASLAQSR LEDPGADSEK STVVEGGEVR FNGKGGKIRK PRTIYSSLQL QALNRRFQQT QYLALPERAE LAASLGLTQT QVKIWFQNKR SKFKKLMKQG GAALEGSALA NGRALSAGSP PVPPGWNPNSSSGKGGGNA GSYIPSYTSW YPSAHQEAMQ QPQLM
Source	E.coli
Target Names	DLX1
Protein Names	Recommended name: Homeobox protein DLX-1
Expression Region	1-255
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	This gene encodes a member of a homeobox transcription factor gene family similar to the Drosophila distal-less gene. The encoded protein is localized to the nucleus where it may function as a transcriptional regulator of signals from multiple TGF- β superfamily members. The encoded protein may play a role in the control of craniofacial patterning and the differentiation and survival of inhibitory neurons in the forebrain. This gene is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 2. Alternatively spliced transcript variants encoding different isoforms have been described.
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.