



Recombinant Human Homeobox protein MOX-2 (MEOX2)

Product Code	CSB-EP013696HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50222
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEHPLFGCLR SPHATAQGLH PFSQSSLALH GRSDHMSYPE LSTSSSSCII AGYPNEEGMF ASQHHRGHHH HHHHHHHHHH QQQQHQUALQT NWHLPQMSSP PSAARHSLCL QPDSGGPEL GSSPPVLCSN SSSLGSSTPT GAACAPGDYG RQALSPAEAE KRSGGKRKSD SSSSQEGNYK SEVNSKPRKE RTAFTKEQIR ELEAEFAHNN YLTRLRRIE AVNLDLTERQ VKVWFQNRMM KWKRVKGGQQ GAAAREKELV NVKKGTLPLS ELSGIGAATL QQTGDSIANE DSHDSDHSSE HAML
Source	E.coli
Target Names	MEOX2
Protein Names	Recommended name: Homeobox protein MOX-2 Alternative name(s): Growth arrest-specific homeobox Mesenchyme homeobox 2
Expression Region	1-304
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 subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer s disease.
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.