



# Recombinant Human Motor neuron and pancreas homeobox protein 1 (MNX1)

<b>Product Code</b>	CSB-EP014692HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P50219
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEKSKNFRID ALLAVDPPRA ASAQSAPLAL VTSLAAAASG TGGGGGGGGA SGGTSGSCSP ASSEPPAAPA DRLRAESPSP PRLLAHCAL LPKPGFLGAG GGGGGTGGGH GGPHHHAHPG AAAAAAAAAA AAAAGGLALG LHPGGAQGGA GLPAQAALYG HPVYGYSAAS AAAALAGQHP ALSYSYPQVQ GAHPAHPADP IKLGAGTFQL DQWLRASTAG MILPKMPDFN SQAQSNLLGK CRRPRTAFTS QQLLELEHQF KLNKYLSRPK RFEVATSLML TETQVKIWFQ NRRMKWKRSK KAKEQAAQEA EKQKGGGGGA GKGGAEPEGA EELLGPPAPG DKGSGRRLRD LRDSPEEDE DEDDEDHFPY SNGASVHAAS SDCSSEDDSP PPRPSHQAP Q
<b>Source</b>	E.coli
<b>Target Names</b>	MNX1
<b>Protein Names</b>	Recommended name: Motor neuron and pancreas homeobox protein 1 Alternative name(s): Homeobox protein HB9
<b>Expression Region</b>	1-401
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a nuclear protein, which contains a homeobox domain and is a transcription factor. Mutations in this gene result in Currarino syndrome, an autosomic dominant congenital malformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.