Recombinant Human Homeobox protein Hox-C6 (HOXC6)

Product Code	CSB-MP010677HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P09630
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNSYFTNPSL SCHLAGGQDV LPNVALNSTA YDPVRHFSTY GAAVAQNRIY STPFYSPQEN VVFSSSRGPY DYGSNSFYQE KDMLSNCRQN TLGHNTQTSI AQDFSSEQGR TAPQDQKASI QIYPWMQRMN SHSGVGYGAD RRRGRQIYSR YQTLELEKEF HFNRYLTRRR RIEIANALCL TERQIKIWFQ NRRMKWKKES NLTSTLSGGG GGATADSLGG KEEKREETEE EKQKE
Source	Mammalian cell
Target Names	HOXC6
Protein Names	Recommended name: Homeobox protein Hox-C6 Alternative name(s): Homeobox protein CP25 Homeobox protein HHO.C8 Homeobox protein Hox-3C
Expression Region	1-235
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 belongs to the homeobox family, members of which encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene, HOXC6, is one of several HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5 non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Alternatively spliced transcript variants encoding different isoforms have been identified for HOXC6. Transcript variant two includes the shared exon, and transcript variant one includes only gene-specific exons.
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.