



Recombinant Human Homeobox protein SIX5 (SIX5)

Product Code	CSB-EP818681HU-B
Abbreviation	SIX5
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.	Q8N196
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATLPAEPSA GPAAGGEAVA AAAATEEEEE EARQLLQTLQ AAEGEAAAAA GAGAGAAAAG AEGPGSPGVP GSPPEAASEP PTGLRFSPEQ VACVCEALLQ AGHAGRLSRF LGALPPAERL RGSDPVLRAR ALVAFQRGEY AELYRLLSR PFPAHHAFLL QDLYLRARYH EAERARGRAL GAVDKYRLRK KFPLPKTIWD GEETVYCFKE RSRAALKACY RGNRYPTPDE KRRLATLTGL SLTQVSNWFK NRRQRDRTGA GGGAPCKSES DGNPTTEDES SRSPEDLERG AAPVSAEAAA QGSIFLAGTG PPAPCPASSS ILVNGSFLAA SGSPAVLLNG GPVIINGLAL GEASSLGPLL LTGGGGAPPP QPSPQGASET KTSVLVDPQT GEVRLLEAQS EAPETKGAQV AAPGPALGEE VLGPLAQVVP GPPTAATFPL PPGPVPAVAA PQVVPLSPPP GYPTGLSPTS PLLNLPQVVP TSQVVTLTPQA VGPLQLLAAG PGSPVKVAAA AGPANVHLIN SGVGVTAALQL PSATAPGNFL LANPVSGSPI VTGVALQQGK IILTATFPTS MLVSQVLPPA PGLALPLKPE TAISVPEGGL PVAPSPALPE AHALGTLAQ QPPPAATTS STSLPFSPDS PGLLPNFPAP PPEGLMLSPA AVPVWSAGLE LSAGTEGLLE AEKGLGTQAP HTVLRLPDPD PEGLLLGATA GGEVDEGLEA EAKVLTQLQS VPVEEPLLEL
Source	E.coli
Target Names	SIX5
Protein Names	Recommended name: Homeobox protein SIX5 Alternative name(s): DM locus-associated homeodomain protein Sine oculis homeobox homolog 5
Expression Region	1-739
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 protein is a homeodomain-containing transcription factor that appears to function in the regulation of organogenesis. This gene is located downstream of the dystrophia myotonica-protein kinase gene. Mutations in this gene are a



cause of branchiotoxemia syndrome type 2.

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

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