



Recombinant Human Homeobox protein Hox-D1 (HOXD1)

Product Code	CSB-YP884426HU
Abbreviation	HOXD1
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.	Q9GZZ0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSSYLEYVSC SSSGGVGGDV LSLAPKFCRS DARPVALQPA FPLGNGDGAF VSCLPLAAAR PSPSPPAAPA RPSVPPPAAP QYAQCTLEGA YEPGAAPAAA AGGADYGFLG SGPAYDFPGV LGRAADDGGS HVHYATSAVF SGGGSFLLSG QVDYAAFGEF GPFPACLKAS ADGHPGAFQT ASPAPGTYPK SVSPASGLPA AFSTFEWMKV KRNASKKGKL AEYGAASPSS AIRTNFSTKQ LTELEKEFHF NKYLTRARRI EIANCLHLND TQVKIWFQNR RMKQKKRERE GLLATAIPVA PLQLPLSGTT PTKFIKNPGS PSQSQEPS
Source	Yeast
Target Names	HOXD1
Protein Names	Recommended name: Homeobox protein Hox-D1 Alternative name(s): Homeobox protein Hox-GG
Expression Region	1-328
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 is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis.
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.