

Recombinant Full Length Human HOXB13 Protein, GST-tagged

Cat. No. HOXB13-644HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HOXB13(1 a.a. - 284 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	284 amino acids
Description	This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	56.98 kDa
AA Sequence	MEPGNYATLD GAKDIEGLLG AGGGRNLVAH SPLTSHPAAP TLMPAVNYAP LDLPGSAEPP KQCHPCPGVP QGTSPAPVPY GYFGGGYYSC RVSRSLLKPC AQAATLAAYP AETPTAGEEY PSRPTEFAFY PGYPGTYQPM ASYLDVSVVQ

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TLGAPGEPRH DSLLPVDSYQ SWALAGGWNS QMCCQGEQNP PGPFWKAAFA
DSSGQHPPDA CAFRRGRKKR IPYSGQLRE LEREYAANKF ITKDKRRKIS
AATSLSERQI TIWFQNRRVK EKKVLAKVKN SATP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

HOXB13 homeobox B13 [Homo sapiens]

Official Symbol

HOXB13

Synonyms

HOXB13; homeobox B13; homeo box B13; homeobox protein Hox-B13; PSGD

Gene ID

10481

mRNA Refseq

NM_006361

Protein Refseq

NP_006352

MIM

604607

UniProt ID

Q92826

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