

Homeobox protein Hox-B4 (HOXB4) Recombinant Protein | HOXB4 recombinant protein

Recombinant Human Homeobox protein Hox-B4 (HOXB4)

CATALOG # AAA113143	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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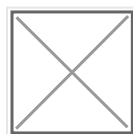
PRODUCT SYNONYMS

Homeobox protein Hox-B4 (HOXB4); Recombinant Human Homeobox protein Hox-B4 (HOXB4); HOXB4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-251. Full Length of Mature Protein
Sequence	MAMSSFLINS NYVDPKFPPC EEYSQSDYLP SDHSPGYAG GQRRESSFQP EAGFGRRAAC TVQRYAACRD PGPPPPPPPP PPPPPPPGLS PRAPAPPAG ALLPEPGQRC EAVSSSPPPP PCAQNPLHPS PSHSACEPV VYPWMRKVHV STVNPNYAGG EPKRSRTAYT RQVLELEKE FHYNRYLTRR RRVEIAHALC LSERQIKIWF QNRMRKWKD HKLPNTKIRS GGAAGSAGGP PGRPNGGPRA L
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HOXB4 recombinant protein	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion.
Product Categories/Family for HOXB4 recombinant protein	Transcription

NCBI AND UNIPROT INFORMATION

NCBI GI #	13273315
NCBI GeneID	3214
NCBI Accession #	NP_076920.1
NCBI GenBank Nucleotide #	NM_024015.4

UniProt Accession #	P17483; Q9NTA0
Molecular Weight	29.6 kDa
NCBI Official Full Name	homeobox protein Hox-B4
NCBI Official Synonym Full Names	homeobox B4
NCBI Official Symbol	HOXB4
NCBI Official Synonym Symbols	HOX2; HOX2F; HOX-2.6
NCBI Protein Information	homeobox protein Hox-B4
UniProt Protein Name	Homeobox protein Hox-B4
UniProt Gene Name	HOXB4
UniProt Synonym Gene Names	HOX2F

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hoxb4-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113143>