

Product datasheet for **TP304495M**

HOXB7 (NM_004502) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human homeobox B7 (HOXB7), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC204495 protein sequence
Red=Cloning site **Green**=Tags(s)

MSSLYANALFSKYPASSSVFATGAFPEQTSCAFASNPQRPGYGAGSGASFAASMQLYPGGGGMAGQSA
AGVYAAGYGLEPSSFNMHCAPFEQNLSGVCPGDSAKAAGAKEQRDSDLAAESNFRIYPWMRSGTDRKRG
RQTYTRYQTLELEKEFHYNRYLTRRRRIEIAHTLCLTERQIKIWFQNRMMKWKKENKTAGPGTTGQDRAE
AEEEEEE

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag: C-Myc/DDK
Predicted MW: 23.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_004493](#)
Locus ID: 3217
UniProt ID: [P09629](#)



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RefSeq Size: 1377

Cytogenetics: 17q21.32

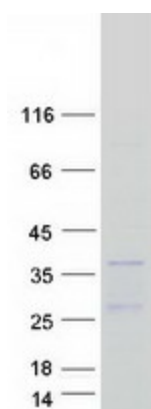
RefSeq ORF: 651

Synonyms: HHO.C1; Hox-2.3; HOX2; HOX2C

Summary: This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HOXB7 protein (Cat# [TP304495]). The protein was produced from HEK293T cells transfected with HOXB7 cDNA clone (Cat# [RC204495]) using MegaTran 2.0 (Cat# [TT210002]).