

Recombinant Human HOXB2 Protein, GST-tagged

Cat. No. HOXB2-4958H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXB2 full-length ORF (ABZ92010.1, 1 a.a. - 356 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. Increased expression of this gene is associated with pancreatic cancer. [provided by RefSeq
Molecular Mass	39.2 kDa
AA Sequence	MNFEFEREIGFINSQPSLAECCLTSFPAVLETFQTSSIKESTLIPPPPPFEQTFPSLQPG ASTLQRPRSQKRAEDGPALPPPPPPPLPAAPPAPPEFPWMKEKKSAAKPSQSATSPS PAASAVPASGVGSPADGLGLPEAGGGGARRLRRTAYTNTQLLELEKEFHFNKYLCRP RRVEIAALLDLTERQVKVWFQNRMMKHKRQTQHREPPDGEPACPGALEDICDPAEE PAASPGGPSASRAAWEACCHPPEVVPGLSADPRPLAVRLEGAGASSPGCALRGA GGLEPGPLPEDVFSGRQDSPFLPDLNFFAADSCQLQSGGLSPSLQGSGLDSPVPFSE EELDFFTSTLCAIDLQFP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HOXB2 homeobox B2 [Homo sapiens]
Official Symbol	HOXB2
Synonyms	HOXB2; homeobox B2; homeo box B2 , HOX2, HOX2H; homeobox protein Hox-B2; homeo box 2H; homeo box B2; K8 home protein; homeobox protein Hox-2H; homeobox protein Hox-2.8; K8; HOX2; HOX2H; Hox-2.8;
Gene ID	3212
mRNA Refseq	NM_002145
Protein Refseq	NP_002136
MIM	142967
UniProt ID	P14652