Recombinant Human HOXB4 Protein (1-251 aa), His-tagged

Cat. No. HOXB4-1415H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOXB4 Protein (1-251 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Transcription. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-251 aa
Description	Sequence-specific transcription factor which is part of a developmental regulatory syst that provides cells with specific positional identities on the anterior-posterior axis.
Form	Tris-based buffer,50% glycerol
Molecular Mass	29.6 kDa
AA Sequence	MAMSSFLINSNYVDPKFPPCEEYSQSDYLPSDHSPGYYAGGQRRESSFQPEAGFG RRAACTVQRYAACRDPGPPPPPPPPPPPPPPGLSPRAPAPPPAGALLPEPGQRC EAVSSSPPPPPCAQNPLHPSPSHSACKEPVVYPWMRKVHVSTVNPNYAGGEPKRS RTAYTRQQVLELEKEFHYNRYLTRRRRVEIAHALCLSERQIKIWFQNRRMKWKKDH KLPNTKIRSGGAAGSAGGPPGRPNGGPRAL
Purity	> 90% as determined by SDS-PAGE.

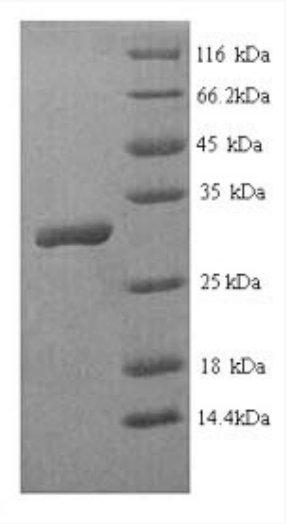
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	HOXB4 homeobox B4 [Homo sapiens]
Official Symbol	HOXB4
Synonyms	HOXB4; homeobox B4; homeo box B4 , HOX2, HOX2F; HOX2; HOX2F; HOX-2.6;
Gene ID	3214
mRNA Refseq	NM_024015
Protein Refseq	NP_076920
MIM	142965
UniProt ID	P17483

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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