

## Recombinant Human OTX2 protein, T7/His-tagged

Cat. No. OTX2-193H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human OTX2 (2 - 297 aa, Isoform-I, derived from BC032579) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-297 a.a.
<b>Form</b>	0.25 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGRGHHHHHENLYFQGEFMSYLKQPPYAVNGLSLTTSGMDLLHP SVGYPGPWASCPAATPRKQRR ERTTFTRAQLDVLEALFAKTRYPDIFMREEVALKI NLPESRVQVWFKNRRRAKCRQQQQQQQNGGQNKVRPAKKKT SPAREVSSSESGTS GQFTPPSSTSVPTIASSAPVSIWSPASISPLSDPLSTSSSCMQRSYPMTYTQASGY SQGYA GSTSYFGGMDCGSYLTPMHHQLPGPGATLSPMGTNAVTSHLNQSPASLS TQGYGASSLGFNSTTDCLDYKDQTAS WKLNFNADCLDYKDQTSSWKFQVL
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage</b>	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

### GENE INFORMATION

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<b>Gene Name</b>	OTX2 orthodenticle homeobox 2 [ Homo sapiens ]
<b>Official Symbol</b>	OTX2
<b>Synonyms</b>	OTX2; orthodenticle homeobox 2; orthodenticle homolog 2 (Drosophila); homeobox protein OTX2; orthodenticle homolog 2; CPHD6; MCOPS5; MGC45000;
<b>Gene ID</b>	5015
<b>mRNA Refseq</b>	NM_021728
<b>Protein Refseq</b>	NP_068374
<b>MIM</b>	600037
<b>UniProt ID</b>	P32243
<b>Chromosome Location</b>	14q22.3
<b>Function</b>	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; eukaryotic initiation factor 4E binding; protein binding; sequence-specific DNA binding; sequence

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