

Recombinant Human OTX2 protein, T7/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	2-297 a.a.
Form	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.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGEFMSYLKQPPYAVNGLSLTTSGMDLLHP SVGYPGPWASCPAATPRKQRR ERTTFTRAQLDVLEALFAKTRYPDIFMREEVALKI NLPESRVQVWFKNRRRAKCRQQQQQQNGGQNKVRPAKKKT SPAREVSSSESGTS GQFTPPSSTSVPTIASSAPVSIWSPASISPLSDPLSTSSSCMQRSYPMTYTQASGY SQGYA GSTSYFGGMDCGSYLTPMHHQLPGPGATLSPMGNTNAVTSHLNQSPASLS TQGYGASSLGFNSTTDCLDYKDQTAS WKLNFNADCLDYKDQTSSWKFQVL
Purity	>90% by SDS-PAGE
Storage	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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Gene Name	OTX2 orthodenticle homeobox 2 [Homo sapiens]
Official Symbol	OTX2
Synonyms	OTX2; orthodenticle homeobox 2; orthodenticle homolog 2 (Drosophila); homeobox protein OTX2; orthodenticle homolog 2; CPHD6; MCOPS5; MGC45000;
Gene ID	5015
mRNA Refseq	NM_021728
Protein Refseq	NP_068374
MIM	600037
UniProt ID	P32243
Chromosome Location	14q22.3
Function	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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