

Recombinant Human OTX2 protein, His-SUMO-tagged

Cat. No. OTX2-3310H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OTX2 protein(P32243)(1-297aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-297aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.4 kDa
AA Sequence	MMSYLKQPPYAVNGLSLTTSGMDLLHPSVGYPGPWASCPAATPRKQRRERTTFTR AQLDVLEALFAKTRYPDIFMREEVALKINLPESRVQVWFKNRRRAKCRQQQQQQQNG GQNKVRPAKKKTSPAREVSSESGTSGQFTPPSSTSVPTIASSAPVSIWSPASISPL SDPLSTSSSCMQRSYPMTYTQASGYSQGYAGSTSYFGGMDCGSYLTPMHHQLPG PGATLSPMGTNAVTSHLNQSPASLSTQGYGASSLGFNSTTDCLDYKDQTASWKLN F NADCLDYKDQTSSWKFQVL
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
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

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