

OTX2 recombinant protein

Recombinant Human OTX2 Protein

CATALOG # AAA263247	HOST E Coli	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

OTX2; Recombinant Human OTX2 Protein; Homeobox protein OTX2; Orthodenticle homolog 2; OTX2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 muM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	MMSYLKQPPY AVNGLSLTTS GMDLLHPSVG YPGPWASCPA ATPRKQRRER TTFTRAQLDV LEALFAKTRY PDIFMREEVA LKINLPESRV QVWFKNRRRAK CRQQQQQQQN GGQNKVRPAK KKTSPAREVS SESGTSQGFT PPSSTSVPTI ASSSAPVSIW SPASISPLSD PLSTSSSCMQ RSYPMYTYQA SGYSQGYAGS TSYFGGMDCG SYLTPMHHQL PGPGATLSPM GTNAVTSHLN QSPASLSTQG YGASSLGFNS TTDCLDYKDQ TASWKLNFNADCLDYKDQTS SWKFQVLEH HHHHH
Sequence Length	289
Applicable Applications for OTX2 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for OTX2 recombinant protein	Recombinant Human OTX2 Protein is produced by our E Coli expression system and the target gene encoding Met1-Leu297 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	395455071
NCBI GeneID	5015
NCBI Accession #	NP_001257452.1
NCBI GenBank Nucleotide #	NM_001270523.1
UniProt Accession #	P32243 ; Q6GTV3 ; Q9HAW3 ; Q9P2R1 ; B2RAN5
Molecular Weight	32,406 Da

NCBI Official Full Name	homeobox protein OTX2 isoform b
NCBI Official Synonym Full Names	orthodenticle homeobox 2
NCBI Official Symbol	OTX2
NCBI Official Synonym Symbols	CPHD6; MCOPS5
NCBI Protein Information	homeobox protein OTX2
UniProt Protein Name	Homeobox protein OTX2
UniProt Gene Name	OTX2
UniProt Entry Name	OTX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/otx2-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263247>