

Recombinant Human PAX3, His-tagged

Cat. No. PAX3-1540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAX3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PAX3 paired box 3 [Homo sapiens]
Official Symbol	PAX3
Synonyms	PAX3; paired box 3; paired box gene 3 (Waardenburg syndrome 1) , Waardenburg syndrome 1 , WS1; paired box protein Pax-3; HUP2; paired domain gene 3; paired domain gene HuP2; paired box homeotic gene 3; WS1; WS3; CDHS; MGC120381; MGC120382; MGC120383; MGC120384; MGC134778;
Gene ID	5077

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mRNA Refseq	NM_000438
Protein Refseq	NP_000429
MIM	606597
UniProt ID	P23760
Chromosome Location	2q36.1
Pathway	Regulation of retinoblastoma protein, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	chromatin binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;

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