

Recombinant Human PAX9 Protein, His-tagged

Cat. No. PAX9-765H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAX9(Met1~Leu341) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu341
Description	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	40.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 96%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

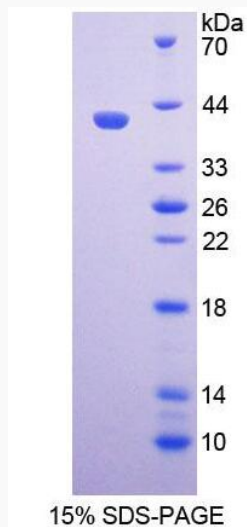
GENE INFORMATION

Gene Name	PAX9 paired box 9 [Homo sapiens]
Official Symbol	PAX9
Synonyms	PAX9; paired box 9; paired box gene 9; paired box protein Pax-9; paired domain gene 9; STHAG3;
Gene ID	5083
mRNA Refseq	NM_006194
Protein Refseq	NP_006185
MIM	167416
UniProt ID	P55771

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