

Product datasheet for **AR51183PU-S**

PAX9 (1-341, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PAX9 (1-341, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEPAFGE VNQLGGVFN GRPLPNAIRL RIVELAQLGI RPCDISRQLR VSHGCVSKIL ARYNETGSIL PGAIGGSKPR VTTPTVVKHI RTYKQRDPGI FAWEIRDRL ADGVCDKYNV PSVSSISRIL RNKIGNLAQQ GHYDSYKQHQ PTPQPALPYN HIYSYSPIT AAAAKVPTPP GVPAIPGSVA MPRTWPSSHS VTDILGIRSI TDQVSDSSPY HSPKVEEWSS LGRNNFPAAA PHAVNGLEKG ALEQEAKYGQ APNGLPAVGS FVSASSMAPY PTPAQVSPYM TYSAAPSGYV AGHGWQHAGG TSLSPHNCDI PASLAFKGMQ AAREGSHSVT ASAL
Tag:	His-tag
Predicted MW:	38.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PAX9 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006185
Locus ID:	5083
UniProt ID:	P55771 , Q2L4T1
Cytogenetics:	14q13.3



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Synonyms: Pax-9

Summary: 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. [provided by RefSeq, Sep 2015]

Protein Families: Druggable Genome, Transcription Factors

Product images:

