

Product information



PAX9, 1-341aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2359

Full name: Paired box protein Pax-9

NCBI Accession No.: NP_006185

Synonyms: STHAG3

Description: Paired box protein Pax-9, also known as PAX9, 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. PAX9 is essential for the development of a variety of organs and skeletal elements. Recombinant human PAX9 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol</p> <p>Molecular Weight: 38.7 kDa (364aa)</p> <p>Purity: > 85% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	<p>(kDa)</p> <p>70 57 40 28 18 13.5 8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSMEPAFGE VNQLGGVFN GRPLNAILR RIVELAQLGI RPCDISRQLR VSHGCVSKIL ARYNETGSIL PGAIGGSKPR VTTPTVKHI RTYKQRDPGI FAWEIRDRL ADGVCDKYNV PSVSSISRIL RNKIGNLAQQ GHYDSYKQHQ PTPQPALPYN HIYSYSPIT AAAAKVPTPP GVPAIPGSA MPRTWPSSHS VTDILGIRSI TDQVSDSSPY HSPKVEEWSS LGRNFPAAA PHAVNGLEKG ALEQEAKYGQ APNGLPAVGS FVSASSMAPY PTPAQVSPYM TYSAAPSGYV AGHGWQHAGG TSLSPHNCI PASLAFKGMQ AAREGSHSVT ASAL</p>	

General references:

Wallin J., *et al.* (1993) *Genome*. 4:354-358.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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