

Paired Box 9 Human Recombinant

Item Number	rAP-4518
Synonyms	Paired Box 9, STHAG3, Paired Box Gene 9, Paired Box Protein Pax-9, Paired Domain Gene 9.
Description	PAX9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 364 amino acids (1-341 a.a) and having a molecular mass of 38.7kDa.PAX9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P55771
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEPAFGE VNQLGGVFN GRPLPNAIRL RIVELAQLGI RPCDIS- RQLR 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 AGHWQHAGG TSLSPHNCDI PASLAFKGMQ AAREGSHSVT ASAL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	PAX9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**