

Paired Box 8 Human Recombinant

Item Number	rAP-4519
Synonyms	Paired Box 8, Paired Box Gene 8, PAX8.
Description	PAX8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 310 amino acids (1-287 a.a) and having a molecular mass of 33.4kDa.PAX8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q06710
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPHNSIR SGHGGLNQLG GAFVNGRPLP EVVRQRIVDL AHQGVRPCDI SRQLRVSHGC VSKILGRYYE TGSIRPGVIG GSKPKVATPK VVEKIGDYKR QNPTM- FAWEI RDRLLAEGVC DNDTVPSVSS INRIIRTKVQ QPFNLPMDSC VATKSLSPGH TLIPSSAVTP PESPQSDSLG STYSINGLLG IAQPGSDKRK MDDSDQDSCR LSIDSQSSSS GPRKHLRTDA FSQHHLEPLE CPFERQHYPE AYASPSHTKG EQEVNTLAMP MATPPTPPTA RPGASPTPAC
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	PAX8 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT. Greater than 90.0% 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**