

Paired Related Homeobox 1 Human Recombinant

Item Number	rAP-3470
Synonyms	AGOTC, PHOX1, PMX1, PRX-1, PRX1, Paired mesoderm homeobox protein 1, Homeobox protein PHOX1, Paired-related homeobox protein 1, PRRX1.
Description	PRRX1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 241 amino acids (1-217 a.a) and having a molecular mass of 26.9kDa.PRRX1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P54821
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTSSYG HVLERQPALG GRDSPGNLD TLQAKKNFSV SHLLDLEEAG DMVAAQADEN VGEAGRSLE SPGLTSGSDT PQQDNDQLNS EEKKKRKQRR NRTTFNSSL QAL- ERVFERT HYPDAFVRED LARRVNLTEA RVQVWFQNRK AKFRRNERAM LANKNASLLK SYSGDVTAVE QPIVPRPAPR PTDYLSWGTA SPYRSSSLPR
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	PRRX1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. 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**