

Product datasheet for **AR51191PU-N**

PRRX1 (1-217, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PRRX1 (1-217, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTSSYG HVLERQPALG GRLDSPGNLD TLQAKKNFSV SHLLDLEEAG DMVAAQADEN VGEAGRSLE SPGLTSGSDT PQQDNDQLNS EEKKRKRQRR NRTTFNSSQL QALERVFERT HYPDAFVRED LARRVNLTEA RVQVWFQNR AKFRNERAM LANKNASLLK SYSGDVTAVE QPIVPRPAPR PTDYLSWGTA SPYRSSSLPR CCLHEGLHNG F
Tag:	His-tag
Predicted MW:	26.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PRRX1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_008833
Locus ID:	5396
UniProt ID:	P54821
Cytogenetics:	1q24.2
Synonyms:	AGOTC; PHOX1; PMX1; PRX-1; PRX1



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Summary:

The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types. Alternative splicing yields two isoforms that differ in abundance and expression patterns. [provided by RefSeq, Jul 2008]

Protein Families:

Transcription Factors

Product images: