

Product datasheet for **TP313276L**

PRRX1 (NM_006902) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human paired related homeobox 1 (PRRX1), transcript variant pmx-1a, 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC213276 representing NM_006902
Red=Cloning site **Green**=Tags(s)

MTSSYGHVLERQPALGGRLDSPGNLDTLQAKKNFSVSHLLDLEEAGDMVAAQADENVGEAGRSLLLESPGL
TSGSDTPQQDNDQLNSEKKKRKQRRNRRTTFNSSLQALERVFERHTHYPDAFVREDLARRVNLTEARVQV
WFQNRRAKFRNRERAMLANKNASLLKSYSGDVTAVEQPIVPRPAPRPTDYLSWGTASPYRSSSLPRCCLH
EGLHNGF

TRTRPLEQLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 24.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_008833](#)
Locus ID: 5396



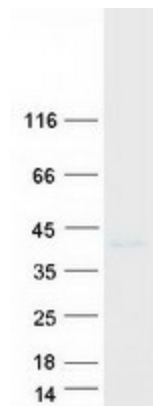
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UniProt ID: [P54821](#)
RefSeq Size: 4071
Cytogenetics: 1q24.2
RefSeq ORF: 651
Synonyms: AGOTC; PHOX1; PMX1; PRX-1; PRX1

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:



Coomassie blue staining of purified PRRX1 protein (Cat# [TP313276]). The protein was produced from HEK293T cells transfected with PRRX1 cDNA clone (Cat# [RC213276]) using MegaTran 2.0 (Cat# [TT210002]).