

## Product datasheet for PH310393

### PRRX1 (NM\_022716) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PRRX1 MS Standard C13 and N15-labeled recombinant protein (NP_073207)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210393
Predicted MW:	27.3 kDa
Protein Sequence:	>RC210393 protein sequence Red=Cloning site Green=Tags(s)  MTSSYGHVLERQPALGGRLDSPGNLDTLQAKKNFSVSHLLDLEEAGDMVAAQADENVGEAGRSLLLESPGL TSGSDTPQQDNDQLNSEEKKKRKQRRNRTTFNSSQLQALERVFERTHYPDAFVREDLARRVNLTEARVQV WFQNRRAKFRNRERAMLANKNASLLKSYSGDVTAVEQPIVPRPAPRPTDYL SWGTASPYSAMATYSATCA NNSPAQGINMANSIANLRLKAKEYSLQRNQVPTVN  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_073207</a>
RefSeq Size:	3999
RefSeq ORF:	735
Synonyms:	AGOTC; PHOX1; PMX1; PRX-1; PRX1
Locus ID:	5396
UniProt ID:	<a href="#">P54821</a>



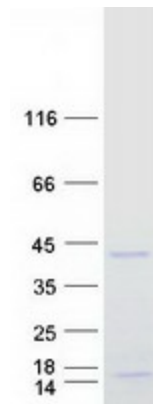
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**Cytogenetics:** 1q24.2

**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# [TP310393]). The protein was produced from HEK293T cells transfected with PRRX1 cDNA clone (Cat# [RC210393]) using MegaTran 2.0 (Cat# [TT210002]).