

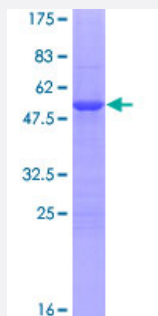
Full-Length

PRRX1 (Human) Recombinant Protein (P01)

Catalog # H00005396-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PRRX1 full-length ORF (NP_008833.1, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTSSYGHVLERQPALGGRLDSPGNLDTLQAKKNFSVSHLLDLEEAGDMVAAQADENVGEAGRS LLESPGLTSGSDTPQQDNDQLNSEKKKKRKQRRNRRTTFNSSLQALERVFERTHYPDAFVREDL ARRVNLTEARVQVWFQNRRAKFRNRERAMLANKNASLLKSYSGDVTAVEQPVRPAPRPTDYL SWGTAAPYRSSSLPRCCLHEGLHNGF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.8
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PRRX1

Entrez GeneID [5396](#)

GeneBank Accession# [NM_006902.3](#)

Protein Accession# [NP_008833.1](#)

Gene Name PRRX1

Gene Alias PHOX1, PMX1, PRX1

Gene Description paired related homeobox 1

Omim ID [167420](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000033166|OTTHUMP00000033167|homeobox protein PHOX1|paired mesoderm homeobox 1|paired mesoderm homeobox 1|paired mesoderm homeobox 1 isoform pmx-1b

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)