

PRRX2 (Human) Recombinant Protein (P01)

Catalog # : H00051450-P01

規格 : [10 ug] [25 ug]

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Specification

Product Description: Human PRRX2 full-length ORF (NP_057391.1, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence: MDSAAAAFALDKPALGPGPPPPPPALGPGDCAQARKNFSVSHLLDLEEV
AAAGRLAARPGARAEAREGAAREPSGGSSGSEAAPQDGECPSPGRGS
AAKRKKKQRRNRTTFNSSQLQALERVFERHYPDAFVREELARRVNLSE
ARVQVWFQNRRAKFRRNERAMLASRSASLLKSYSQEAIEQPVAPRPTA
LSPDYLSWTASSPYSTVPPYSPGSSGPATPGVNMANSIASLRLKAKEFSL
HHSQVPTVN

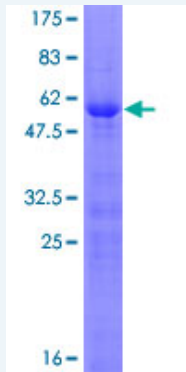
Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.5

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.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Antibody Production

Protein Array

Gene Information

Entrez GeneID: [51450](#)

GeneBank Accession#: [NM_016307.3](#)

Protein Accession#: [NP_057391.1](#)

Gene Name: PRRX2

Gene Alias: MGC19843,PMX2,PRX2

Gene Description: paired related homeobox 2

Omim ID: [604675](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins. Expression is localized to proliferating fetal fibroblasts and the developing dermal layer, with downregulated expression in adult skin. Increases in expression of this gene during fetal but not adult wound healing suggest a possible role in mechanisms that control mammalian dermal regeneration and prevent formation of scar response to wounding. The expression patterns provide evidence consistent with a role in fetal skin development and a possible role in cellular proliferation. [provided by RefSeq]

Other Designations: OTTHUMP00000022344,paired mesoderm homeobox protein 2,paired-like homeodomain protein PRX2,predicted NUP98/PRRX2 fusion protein

Related Disease

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