



Recombinant Human Paired mesoderm homeobox protein 2 (PRRX2)

Product Code	CSB-EP859944HU-B
Abbreviation	PRRX2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99811
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDSAAAFAL DKPALGPGPP PPPPALGPGD CAQARKNFSV SHLLDLEEVA AAGRLAARPG ARAEAREGAA REPSGGSSGS EAAPQDGECP SPGRGSAKR KKKQRRNRTT FNSSQLQALE RVFERTHYPD AFVREELARR VNLSEARVQV WFNRRRAKFR RNERAMLASR SASLLKSYSQ EAAIEQPVAP RPTALSPDYL SWTASSPYST VPPYSPGSSG PATPGVNMNAN SIASLRLKAK EFSLHHSQVP TVN
Source	E.coli
Target Names	PRRX2
Protein Names	Recommended name: Paired mesoderm homeobox protein 2 Alternative name(s): Paired-related homeobox protein 2 Short name= PRX-2
Expression Region	1-253
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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