Recombinant Human Paired mesoderm homeobox protein 1 (PRRX1)

Product Code	CSB-MP018807HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54821
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTSSYGHVLE RQPALGGRLD SPGNLDTLQA KKNFSVSHLL DLEEAGDMVA AQADENVGEA GRSLLESPGL TSGSDTPQQD NDQLNSEEKK KRKQRRNRTT FNSSQLQALE RVFERTHYPD AFVREDLARR VNLTEARVQV WFQNRRAKFR RNERAMLANK NASLLKSYSG DVTAVEQPIV PRPAPRPTDY LSWGTASPYS AMATYSATCA NNSPAQGINM ANSIANLRLK AKEYSLQRNQ VPTVN
Source	Mammalian cell
Target Names	PRRX1
Protein Names	Recommended name: Paired mesoderm homeobox protein 1 Alternative name(s): Homeobox protein PHOX1 Paired-related homeobox protein 1 Short name= PRX-1
Expression Region	1-245
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 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.
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	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.