



Recombinant Human Basic salivary proline-rich protein 1 (PRB1)

Product Code	CSB-EP018629HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P04280
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>QNLN EDVSQEEPS LIAGNPQGGS PQGGNKPQGP PPPPGKPPQGP PPQGGNKPQG PPPPGKPPQGP PPQGDKSRSP RSPPGKPPQGP PPQGGNQPQG PPPPGKPPQGP PPPQGGNKPQ GPPPPGKPPQG PPPQGDKSQS PRSPPGKPPQG PPPQGGNQPQ GPPPPGKPPQ GPPQGGNKP QGPPPPGKPPQ GPPQGDKSQ SPRSPPGKPPQ GPPQGGNQP QGPPPPGKPPQ QGPPQGGNR PQGPPPPGKPPQ QGPPQGDKS RSPQSPGKPPQ QGPPQGGNQ PQGPPPPGKPPQ PQGPPQGGN KPQGGPPPPGKPPQ PQGPPAQGGG KSQSARAPPG KPQGGPPQEG NNPQGGPPPPA GGNPQQPQAP PAGQPQGGPPR PPQGGRPSRP PQ</p>
Source	E.coli
Target Names	PRB1
Protein Names	Recommended name: Basic salivary proline-rich protein 1 Short name= Salivary proline-rich protein Cleaved into the following 3 chains: 1. Proline-rich peptide II-2 2. Basic peptide IB-6 3. Peptide P-H
Expression Region	17-392
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 of Mature Protein
Target Details	This gene encodes a precursor for proline-rich salivary proteins. This and five other genes that encode salivary proline-rich proteins (PRPs) form a PRP gene cluster in the chromosomal 12p13 region. Precursor salivary PRPs are cleaved multiple times to produce a diversity of secreted peptides. Alleles of this gene exhibit tandem repeat length variation in the coding region as well as polymorphic cleavage sites and polymorphic stop codons. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
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.