Basic salivary proline-rich protein 1 (PRB1) Recombinant Protein | PRB1 recombinant protein

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

CATALOG #	HOST
AAA114072	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Basic salivary proline-rich protein 1 (PRB1); Recombinant Human Basic salivary proline-rich protein 1 (PRB1); partial; Recombinant Human Basic salivary proline-rich protein 1 (PRB1) (His tagged); Basic salivary proline-rich protein 1; Salivary proline-rich protein; PRB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	17-103aa; Partial (Contain Proline-rich peptide II-2)
Sequence	QNLNEDVSQE ESPSLIAGNP QGPSPQGGNK PQGPPPPPGK PQGPPPQGGN KPQGPPPPGK PQGPPPQGDK SRSPRSPPGK PQGPPPQ
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for PRB1 recombinant protein	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41349482
NCBI GeneID	5542
NCBI Accession #	NP_005030.2
NCBI GenBank Nucleotide #	NM_005039.3
UniProt Accession #	P04280; Q08805; Q15186; Q15187; Q15214; Q15215; Q16038
Molecular Weight	38,546 Da
NCBI Official Full Name	basic salivary proline-rich protein 1 isoform 1 preproprotein
NCBI Official Synonym Full Names	proline-rich protein BstNI subfamily 1
NCBI Official Symbol	PRB1
NCBI Official Synonym Symbols	PM; PMF; PMS; PRB1L; PRB1M

NCBI Protein Information	basic salivary proline-rich protein 1; salivary protein Pe; PRB1 large length copy; basic proline-rich protein; parotid middle band protein; BstNI type basic salivary proline-rich protein 1
UniProt Protein Name	Basic salivary proline-rich protein 1
UniProt Gene Name	**PRB1**
UniProt Synonym Gene Names	Salivary proline-rich protein
UniProt Entry Name	PRP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/prb1-recombinant-protein-e-coli/114072