

Recombinant Human PRH2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRH2-1366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRH2 MS Standard C13 and N15-labeled recombinant protein (NP_005033) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the heterogeneous family of proline-rich salivary glycoproteins. The encoded preproprotein undergoes proteolytic processing to generate one or more mature isoforms before secretion from the parotid and submandibular/sublingual glands. In western population this locus is commonly biallelic and encodes proline-rich protein (PRP) isoforms, PRP-1 and PRP-2. The reference genome encodes the PRP-1 allele. Certain alleles of this gene are associated with susceptibility to dental caries. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 12.
Molecular Mass	17 kDa
AA Sequence	MLLILLSVALLAFSSAQDLDEDVSQEDVPLVISDGGDSEQFIDEERQGPPLGGQQSQ PSAGDGNQDDGPQQGPPQQGGQQQQGPPPPQGKPPQGGHPPPPQGRPQ GPPQQGGHPRPPRGRPQGPPQQGGHQGPPPPPPGKPPQGGPPQGGRPQGPPQ GQSPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

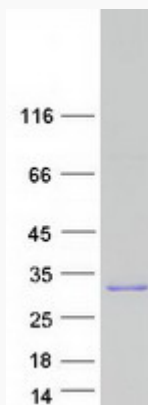
GENE INFORMATION

Gene Name	PRH2 proline rich protein HaeIII subfamily 2 [Homo sapiens (human)]
Official Symbol	PRH2
Synonyms	PRH2; proline rich protein HaeIII subfamily 2; Pr; pr1/Pr2; PRP-1/PRP-2; salivary acidic proline-rich phosphoprotein 1/2; acidic salivary proline-rich protein, HaeIII type, 2; parotid acidic protein; parotid double-band protein; parotid proline-rich protein 1/2; protein C
Gene ID	5555
mRNA Refseq	NM_005042
Protein Refseq	NP_005033
MIM	168790
UniProt ID	P02810

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SDS-PAGE

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