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Product Information

MemDX™ Membrane Protein Human PRH2 (Proline rich protein HaeIII subfamily 2) for Antibody Discovery

Cat. No.: **MP1042X**
This product is for research use only and is not intended for diagnostic use.

This product is a 43.4 kDa Human PRH2 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
PRH2

Protein Length
Full-length

Molecular Weight
43.4 kDa

Sequence
MLLILLSVALLAFSSAQDLDEDVSQEDVPLVISDGGDSEQFIDEERQGPPLGGQQSQPSAGDGNQNDGPQQGPPQQGGQQQQGF

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Form
Liquid

Purification
Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

PRH2

Full Name

Proline rich protein HaeIII subfamily 2

Introduction

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.

Alternative Names

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

UniProt ID

P02810

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