

Recombinant Human PRB1 293 Cell Lysate

Cat. No. PRB1-2892HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for proline-rich protein BstNI subfamily 1 (PRB1), transcript variant 3 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PRB1 proline-rich protein BstNI subfamily 1 [Homo sapiens]

Official Symbol

PRB1

Synonyms

PM; PMF; PMS; PRB1L; PRB1M; basic salivary proline-rich protein 1; salivary protein Pe; PRB1 large length copy; basic proline-rich protein; parotid middle band protein; salivary proline-rich protein 1; BstNI type basic salivary proline-rich protein 1

Gene ID

5542

mRNA Refseq

NM_005039

Protein Refseq

NP_005030

MIM

180989

UniProt ID

P04280

**Chromosome
Location**

12p13.2

Pathway

Salivary secretion, organism-specific biosystem; Spinal Cord Injury, organism-specific biosystem

Function

molecular_function

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