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Product datasheet for PH319911

PRB1 (NM_199354) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRB1 MS Standard C13 and N15-labeled recombinant protein (NP_955386)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219911
Predicted MW:	16 kDa
Protein Sequence:	>RC219911 representing NM_199354 Red=Cloning site Green=Tags(s) MLLILLSVALLALSSAQNLNEDVSQEESPSLIAGNPQGPSPQGGNKPQGPPPPPGKPQGPPPQGGNKPQG PLPPGKPQGPPPQGDKSRSPRSPPGKPQGPPPQGGKPQGPPAQGGSKSQSARAPPGKPQGPPQQEGNNPQ GPPPPAGGNPQQPQAPPAGQPQGPPRPPQGGRPSRPPQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_955386
RefSeq Size:	714
RefSeq ORF:	534
Synonyms:	PM; PMF; PMS; PRB1L; PRB1M
Locus ID:	5542
UniProt ID:	P04280

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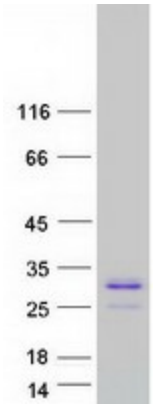
Cytogenetics: 12p13.2

Summary: This gene encodes a member of the heterogeneous family of basic, proline-rich, human salivary glycoproteins. The encoded preproprotein undergoes proteolytic processing to generate one or more mature peptides before secretion from the parotid glands. Multiple alleles of this gene exhibiting variations in the length of the tandem repeats have been identified. The reference genome encodes the "Medium" allele. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 12. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Nov 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PRB1 protein (Cat# [TP319911]). The protein was produced from HEK293T cells transfected with PRB1 cDNA clone (Cat# [RC219911]) using MegaTran 2.0 (Cat# [TT210002]).