

Product datasheet for PH316161

PRX (NM_020956) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRX MS Standard C13 and N15-labeled recombinant protein (NP_066007)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216161
Predicted MW:	15.8 kDa
Protein Sequence:	>RC216161 representing NM_020956 Red=Cloning site Green=Tags(s) MEARSRAEELRRAELVEIIVETEAQTGVSGINVAGGGKEGIFVRELREDS PAARSLSLQEGDQLLSARV FFENFKYEDALRLLQCAEPYKVSFCLKRTVPTGDLALRPGTVSGYEIKGPRAKVAKL 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_066007
RefSeq Size:	5502
RefSeq ORF:	383
Synonyms:	CMT4F
Locus ID:	57716
UniProt ID:	Q9BXM0
Cytogenetics:	19q13.2



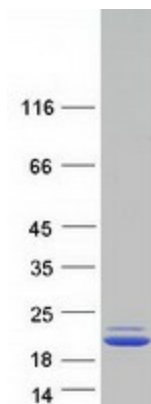
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Summary:

This gene encodes a protein involved in peripheral nerve myelin upkeep. The encoded protein contains 2 PDZ domains which were named after PSD95 (post synaptic density protein), DlgA (Drosophila disc large tumor suppressor), and ZO1 (a mammalian tight junction protein). Two alternatively spliced transcript variants have been described for this gene which encode different protein isoforms and which are targeted differently in the Schwann cell. Mutations in this gene cause Charcot-Marie-Tooth neuropathy, type 4F and Dejerine-Sottas neuropathy. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified PRX protein (Cat# [TP316161]). The protein was produced from HEK293T cells transfected with PRX cDNA clone (Cat# [RC216161]) using MegaTran 2.0 (Cat# [TT210002]).