

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

Cat. No. PRX-4954H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRX MS Standard C13 and N15-labeled recombinant protein (NP_066007) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	15.8 kDa
AA Sequence	MEARSRSAEELRRAELVEIIVETEAQTGVSGINVAGGGKEGIFVRELREDSPAARSLSLQEGDQLLSARVFFENFKYEDALRLLQCAEPYKVSFCLKRTVPTGDLALRPGTVSGYEIKGPRAKVAKLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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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 PRX periaxin [Homo sapiens (human)]

Official Symbol PRX

Synonyms PRX; periaxin; CMT4F; periaxin

Gene ID 57716

mRNA Refseq NM_020956

Protein Refseq NP_066007

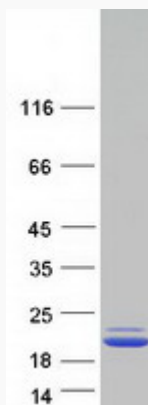
MIM 605725

UniProt ID Q9BXM0

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SDS-PAGE

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