

Recombinant Human Peripherin

Cat. No. PRPH-177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human peripherin protein expressed in E.coli encodes 265-471 amino acids and has a molecular mass of 51 kDa.
Species	Human
Source	E.coli
ProteinLength	265-471 a.a.
Description	Peripherin is a 57 kD type III intermediate filament that is a specific marker for peripheral neurons, including enteric ganglion cells. Peripherin is expressed in the developing peripheral nervous system and is highly enriched in neuronal derivatives of the neural crest. Peripherin offers an advantage over other neural markers, such as S100 and NSE in that it does not stain chromaffin cell types.
Formulation	Recombinant Human Peripherin at 2g/20µl in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Application and suggested dilutions	•ELISA •Inhibition Assays •Western Blotting.
Characterization	On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 51 kDa.
Storage & stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this

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protein is stable for 12 months.

GENE INFORMATION

Gene Name	PRPH peripherin [Homo sapiens]
Synonyms	NEF4; PRPH1; PRPH;peripherin; neurofilament 4 (57kD); Peripherin
Gene ID	5630
mRNA Refseq	NM_006262
Protein Refseq	NP_006253
MIM	170710
UniProt ID	P41219
Chromosome Location	12q12-q13
Pathway	Amyotrophic lateral sclerosis (ALS)
Function	structural molecule activity

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