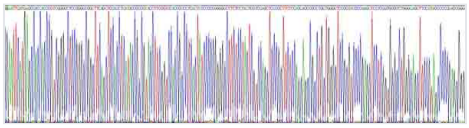
Peripherin (PRPH) Recombinant Protein

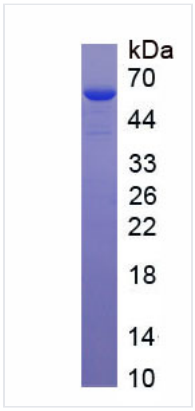
PRODUCT OVERVIEW

Product Name	Peripherin (PRPH), Recombinant Protein
Full Product Name	Recombinant Peripherin (PRPH)
Product Gene Name	PRPH recombinant protein
Product Synonym Names	PRPH/Peripherin; NEF4; Neurofilament 4
Sequence	Met1~Tyr47 0
Host	E Coli
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Purity/Purification	Greater than 90% by SDS-PAGE
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determinedby accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and noobvious degradation and precipitation were observed. The loss rate is less than 5% within theexpiration date under appropriate storage condition.
Matching Pairs	APC-CY7 Conjugated Antibody: PRPH (MBS2163871) Immunogen: PRPH (MBS2125565)
Matching Pairs	PE Conjugated Antibody: PRPH (MBS2164738) Immunogen: PRPH (MBS2125565)
Matching Pairs	APC Conjugated Antibody: PRPH (MBS2165604) Immunogen: PRPH (MBS2125565)
Matching Pairs	Cy3 Conjugated Antibody: PRPH (MBS2166470) Immunogen: PRPH (MBS2125565)
Matching Pairs	Biotin Conjugated Antibody: PRPH (MBS2167335) Immunogen: PRPH (MBS2125565)
Matching Pairs	HRP Conjugated Antibody: PRPH (MBS2168201) Immunogen: PRPH (MBS2125565)
Matching Pairs	FITC Conjugated Antibody: PRPH (MBS2169066) Immunogen: PRPH (MBS2125565)
Matching Pairs	Unconjugated Antibody: PRPH (MBS2169922) Immunogen: PRPH (MBS2125565)
Molecular Weight	Predicted Molecular Mass: 57.4kDa Accurate Molecular Mass: 58kDa
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Human

Isoelectric Point	5.1
Subcellular Location	Cytoplasm
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Product Categories/Family for PRPH recombinant protein	Metabolic pathway; Prokaryotic recombinant
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for PRPH recombinant protein	Positive Control, Immunogen, SDS-PAGE, Western Blot (WB)
Related Product Information for PRPH recombinant protein	MBS2125565 is a recombinant protein targeting PRPH. Also known as Recombinant Peripherin (PRPH). Host: E Coli.
Other Notes	Small volumes of PRPH recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Gene Sequencing of PRPH recombinant protein
Gene Sequencing (extract)



SDS-Page of PRPH recombinant protein
SDS-PAGE

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRPH. It may not necessarily be applicable to this product.

Protein Family	Peripherin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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