phr Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	phr, Polyclonal Antibody
Full Product Name	phr Antibody, FITC conjugated
Product Gene Name	anti-phr antibody
Product Synonym Names	Deoxyribodipyrimidine photo-lyase; DNA photolyase; Photoreactivating enzyme; phr; phrA; syc1392_c
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Synechococcus sp.
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: phr (MBS7103921) FITC Conjugated Antibody: phr (MBS7103923)
Molecular Weight	54,462 Da
3D Structure	ModBase 3D Structure for P05327
Immunogen	Recombinant Synechococcus sp. Deoxyribodipyrimidine photo-lyase protein (2-484AA)
Conjugation	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-phr antibody	ELISA (EIA)
Related Product Information for anti-phr antibody	Involved in repair of UV radiation-induced DNA damage. Catalyzes the light-dependent monomerization (300-600 nm) of cyclobutyl pyrimidine dimers (in cis-syn configuration), which are formed between adjacent bases on the same DNA strand upon exposure to ultraviolet radiation.
Other Notes	Small volumes of anti-phr antibody 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.
Searchable Terms for phr purchase	MBS7103923 is an antibody targeting phr. Also known as phr Antibody, FITC conjugated. Reactive in Synechococcus sp.. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	499562921
NCBI Accession #	WP_011243704.1

UniProt Primary Accession #	P05327
UniProt Secondary Accession #	Q5N288
GenBank Nucleotide #	WP_011243704.1
NCBI Official Full Name	deoxyribodipyrimidine photo-lyase
UniProt Protein Name	Deoxyribodipyrimidine photo-lyase
UniProt Synonym Protein Names	DNA photolyase; Photoreactivating enzyme
UniProt Gene Name	phr
UniProt Synonym Gene Names	phrA
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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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/phr/7103923