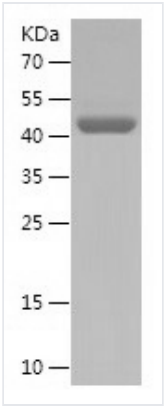
PCK2 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	PCK2, Recombinant Protein
Full Product Name	Recombinant Human PCK2
Product Gene Name	PCK2 recombinant protein
Product Synonym Names	PCK2; PEPCK; PEPCK M; PEPCK2
Host	E Coli
Form/Format	Lyophilized from a 0.2 um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose and 0.06% proclin, pH7.4
Purity/Purification	Greater than 90% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	47,564 Da
Sequence Positions	34-245
OMIM	261650
3D Structure	ModBase 3D Structure for Q16822
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 ug/ml in sterile distilled water by gentle pipetting 2-3 times, don't vortex
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for PCK2 recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for PCK2 recombinant protein	MBS7616047 is a recombinant protein targeting PCK2. Also known as Recombinant Human PCK2. Host: E Coli.
Other Notes	Small volumes of PCK2 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.



SDS-Page of PCK2 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PCK2. It may not necessarily be applicable to this product.

NCBI GI #	614458223
NCBI GeneID	5106
NCBI Accession #	NP_001018083
UniProt Primary Accession #	Q16822
UniProt Secondary Accession #	O43253; Q86U01; Q9BV62
UniProt Related Accession #	Q16822
GenBank Nucleotide #	NM_001018073
NCBI Official Full Name	phosphoenolpyruvate carboxykinase
NCBI Official Synonym Full Names	phosphoenolpyruvate carboxykinase 2 (mitochondrial)
NCBI Official Symbol	PCK2
NCBI Official Synonym Symbols	PEPCK; PEPCK2; PEPCK-M
UniProt Protein Name	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial
Protein Family	Phosphoenolpyruvate carboxykinase
UniProt Gene Name	PCK2
UniProt Synonym Gene Names	PEPCK2; PEPCK-M
UniProt Entry Name	PCKGM_HUMAN
NCBI Protein Information	phosphoenolpyruvate carboxykinase [GTP], mitochondrial; phosphoenolpyruvate carboxykinase [GTP], mitochondrial; PEP carboxykinase; phosphopyruvate carboxylase
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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