Prostaglandin E Synthase (PTGES) Horse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Prostaglandin E synthase (PTGES), Recombinant Protein
Full Product Name	Recombinant Horse Prostaglandin E synthase (PTGES)
Product Gene Name	PTGES recombinant protein
Sequence	MPPPSLAMVS GQALPAFLLC STLLVIKMYA VAVITGQVRL RKKAFANPED ALRHGGLQFH RDDQDVERCL RAHRNDMETI YPFLFLGLVY SFLGPDPFVA QMHFLVFFLG RMVHTVAYLG KLRAPTRSLA YTVAQLPCAS MALQIVWEAA RHL
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	17,172 Da
Sequence Positions	1-153aa; full length protein
3D Structure	ModBase 3D Structure for Q8HZJ2
Species	Horse
Product Categories/Family for PTGES recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for PTGES recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for PTGES recombinant protein	MBS7028213 is a recombinant protein targeting PTGES. Also known as Recombinant Horse Prostaglandin E synthase (PTGES). Host: Cell Free Expression.
Other Notes	Small volumes of PTGES 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.

ADDITIONAL DETAILS

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

NCBI GI #	126352432
NCBI GeneID	100034143
NCBI Accession #	NP_001075404.1
UniProt Primary Accession #	Q8HZJ2
UniProt Related Accession #	Q8HZJ2
GenBank Nucleotide #	NM_001081935.1
NCBI Official Full Name	prostaglandin E synthase

NCBI Official Symbol	PTGES
NCBI Official Synonym Symbols	MPGES-1
UniProt Protein Name	Prostaglandin E synthase
UniProt Synonym Protein Names	Microsomal prostaglandin E synthase 1; MPGES-1
Protein Family	Prostaglandin E synthase
UniProt Gene Name	PTGES
UniProt Synonym Gene Names	MPGES-1
UniProt Entry Name	PTGES_HORSE
NCBI Protein Information	prostaglandin E synthase
UniProt Comments for PTGES	Catalyzes the oxidoreduction of prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2).
Research Articles on PTGES	**1.** This study showed that COX-1 and COX-2 in genital carcinomas in the horse is poor; microsomal PGES-1 is more prominently expressed.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/prostaglandin-e-synthase-ptges/7028213