Transcription Factor GATA-6 (GATA6) Pig Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription factor GATA-6 (GATA6), Recombinant Protein
Full Product Name	Recombinant Pig Transcription factor GATA-6 (GATA6)
Product Gene Name	GATA6 recombinant protein
Product Synonym Gene Name	GATA6
Sequence	EQPEEMYQTL AALSSQGPAA YDGAPGGFVH SAAAAAAAAA AASSPVYVPT TRVGSMLPGL PYLQGAGSGP ANHAGGAGSH PGWPQASADS PPYGSGGGTA GGGAAGPGSA GSAAAHVSAR FPYSPSPPMA NGAARDPGGY AAAGGGGAGG VSGGSGGGLA AMGSREHQYS SLSAARPLNG TYHHHHHHHP SAYSPYVGAP LTPAWPAGPF ETPVLHSLQS RAGAPLPVPR GPSADLLEDL PESRECVNCG SIQTPLWRRD GTGHYLCNRC GLYSKMNGLS GPLIKPQKPV PSSRRLGLSC ANCHTTTTTL WRRNAEGEPV CNACGLYMKL HGVPRPLAMK KEGIQTRKRK PKSINKSKAC SGNSNNSVPM TPTSTSSNSD DCSKNTSPTT QTPASGAGAS VMSGTGESAN PENSELKYSG QDGLYIGVSL ASPAEVTSSV RQDSWCALAL A
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	45,410 Da
Sequence Positions	1-451, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q95JA5
Species	Sus scrofa (Pig)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GATA6 recombinant protein	MBS1367725 is a recombinant protein targeting GATA6. Also known as Recombinant Pig Transcription factor GATA-6 (GATA6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GATA6 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 GATA6. It may not necessarily be applicable to this product.

NCBI GI #	343488529
NCBI GeneID	397600
NCBI Accession #	NP_999493.2
UniProt Primary Accession #	Q95JA5

UniProt Related Accession #	Q95JA5
GenBank Nucleotide #	NM_214328.2
NCBI Official Full Name	transcription factor GATA-6
NCBI Official Symbol	GATA6
NCBI Official Synonym Symbols	GATA-6
UniProt Protein Name	Transcription factor GATA-6
UniProt Synonym Protein Names	GATA-binding factor 6
Protein Family	GATA transcription factor
UniProt Gene Name	GATA6
NCBI Protein Information	transcription factor GATA-6
UniProt Comments for GATA6	Transcriptional activator that regulates SEMA3C and PLXNA2. May regulate genes that protect epithelial cells from bacterial infection. Involved in gene regulation specifically in the gastric epithelium. Involved in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression. Binds to BMP response element (BMPRE) DNA sequences within cardiac activating regions.
Research Articles on GATA6	**1.** investigation of genes regulated by GATA6, GATA4, and both in combination: studies in granulosa cells primed for luteinization
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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