POU Domain, Class 2, Transcription Factor 2 (POU2F2) Pig Recombinant Protein

PRODUCT OVERVIEW

Product Name	POU domain, class 2, transcription factor 2 (POU2F2), Recombinant Protein
Full Product Name	Recombinant Pig POU domain, class 2, transcription factor 2 (POU2F2)
Product Gene Name	POU2F2 recombinant protein
Product Synonym Gene Name	POU2F2
Sequence	MVHSSMGAPE IRMSKPLEAE KQGLDSPSEH TDTERNGPDT NHQNPQNKTS PFSVSPTGPS TKIKAEDPSG DSAPAGPPPP QAVQAHLSQV QLMLTGRQLA GDIQQILQLQ QLVLVPGHHL QPPAQFLLPQ AQQSQPGLLP TPNLFQLPQQ TQGALLTSQP RAGLPTQAVT RPTLSDPHLS HPQPPKCLEP PSHPEEASDL EELEQFARTF KQRRIKLGFT QGDVGLAMGK LYGNDFSQTT ISRFEALNLS FKNMCKLKPL LEKWLNDAET MSVDSSLPSP NQLSRPSLGF DGLPGRRRKK RTSIETNVRF ALEKSFLANQ KPTSEEILLI AEQLHMEKEV IRVWFCNRRQ KEKRINPCSA APMLPSPGKP ASYSPHLVTP QGGAGTLPLS QASSSLSTTV TTLSSAVGTL HPSRTAGGGA AGGGAAPPLN SIPSVTPPPP ATTNSTNPSP QGSHSAIGLS GLNPSTGPGL WNPAPYQP
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	51,099 Da
Sequence Positions	1-478, 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 Q29013
Species	Sus scrofa (Pig)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for POU2F2 recombinant protein	MBS1331705 is a recombinant protein targeting POU2F2. Also known as Recombinant Pig POU domain, class 2, transcription factor 2 (POU2F2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of POU2F2 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 POU2F2. It may not necessarily be applicable to this product.

NCBI GI #	47522900
NCBI GeneID	397105
NCBI Accession #	NP_999205.1

UniProt Primary Accession #	Q29013
UniProt Secondary Accession #	Q29089
UniProt Related Accession #	Q29013
GenBank Nucleotide #	NM_214040.1
NCBI Official Full Name	POU domain, class 2, transcription factor 2
NCBI Official Symbol	POU2F2
NCBI Official Synonym Symbols	OCT2
UniProt Protein Name	POU domain, class 2, transcription factor 2
UniProt Synonym Protein Names	Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2; Octamer-binding protein 2; Oct-2; Octamer-binding transcription factor 2; OTF-2
Protein Family	POU domain, class 2, transcription factor
UniProt Gene Name	POU2F2
UniProt Synonym Gene Names	OCT2; OTF2; Oct-2; OTF-2
NCBI Protein Information	POU domain, class 2, transcription factor 2
UniProt Comments for POU2F2	Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR ().
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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