POU Domain, Class 6, Transcription Factor 2 (POU6F2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	POU domain, class 6, transcription factor 2 (Pou6f2), Recombinant Protein
Full Product Name	Recombinant Mouse POU domain, class 6, transcription factor 2 (Pou6f2)
Product Gene Name	Pou6f2 recombinant protein
Product Synonym Gene Name	Pou6f2
Sequence	MIAGQVSKPL LSVRSEMNAE LRGEDKAATS DSELNEPLLA PAESNDSEDT PSKLFGARGN TVLPDPGTPD QHQACQTHPT FPVGPQPLLT AQQLASAVAG VMPGGPPALN QPILIPFNMA GQLGGQQGLV LTLPTANLTN IQGLVAAAAA GGIMTLPLQN LQATSSLNSQ LQQLQQLQLQ QQQQQQQQQQ QQQQQQQQPP PPPTSQHPQP ASQAPPQSQP TPPHQPPPAS QQLPAPPAQL EQATQPQQHQ PHSHPQNQTQ NQPSPTQQSS SPPQKPSPSP GHSLPSPLTP PNPLQLVNNP LASQAAAAAA AMGSIASSQA FGNALSSLQG VTGQLVTNAQ GQIIGTIPLM PNPGPSSQAA SGTQGLQVQP ITPQLLTNAQ GQIIATVIGN QILPVINTQG ITLSPIKPGQ QLHQSSQTSV GQAGTQGNLL HLAHGQAATS HSPVRQASSS SSSSSSSSAL SVGQLVSNPQ TAAGEVDGVN LEEIREFAKA FKIRRLSLGL TQTQVGQALS ATEGPAYSQS AICRHTILRS HFFLPQEAQE NTIASSLTAK LNPGLLYPAR FEKLDITPKS AQKIKPVLER WMAEAEARHR AGMQNLTEFI GSEPSKKRKR RTSFTPQALE ILNAHFEKNT HPSGQEMTEI AEKLNYDREV VRVWFCNKRQ ALKNTIKRLK QHEPTSAAPL EPLADSPEEN C
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	73,309 Da
Sequence Positions	1-691, 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 Q8BJI4
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Pou6f2 recombinant protein	MBS1284371 is a recombinant protein targeting Pou6f2. Also known as Recombinant Mouse POU domain, class 6, transcription factor 2 (Pou6f2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Pou6f2 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 Pou6f2. It may not necessarily be applicable to this product.

NCBI GI #	158341692
NCBI GeneID	218030

NCBI Accession #	NP_778171.2
UniProt Primary Accession #	Q8BJI4
UniProt Related Accession #	Q8BJI4
GenBank Nucleotide #	NM_175006.2
NCBI Official Full Name	POU domain, class 6, transcription factor 2
NCBI Official Synonym Full Names	POU domain, class 6, transcription factor 2
NCBI Official Symbol	Pou6f2
NCBI Official Synonym Symbols	RPF-1; D130006K24Rik
UniProt Protein Name	POU domain, class 6, transcription factor 2
Protein Family	POU domain, class 6, transcription factor
UniProt Gene Name	Pou6f2
NCBI Protein Information	POU domain, class 6, transcription factor 2
UniProt Comments for Pou6f2	Probable transcription factor likely to be involved in early steps in the differentiation of amacrine and ganglion cells. Recognizes and binds to the DNA sequence 5'-ATGCAAAT-3' ().
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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