Protein Odd-Skipped-Related 1 (osr1) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein odd-skipped-related 1 (osr1), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis Protein odd-skipped-related 1 (osr1)
Product Gene Name	osr1 recombinant protein
Product Synonym Gene Name	osr1
Sequence	MGSKTLPAPV PIHPSLQLTN YSFLQAFNGL PVPAEHMPNL YGFSALHAVH LHQWTLGYPT LHLPRSSFSK VPGVSSLVDS RFQIPTFPLF PHMIHPKQES PNLSNKTKPR FDFANLALAA TQEDHCKLGQ MDDQGSPPTI GGLLDVTKLT PEKKPTRGRL PSKTKKEFVC KFCGRHFTKS YNLLIHERTH TDERPYTCDI CHKAFRRQDH LRDHRYIHSK EKPFKCQECG KGFCQSRTLA VHKTLHTQVK ELKPSKIKC
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	29,492 Da
Sequence Positions	1-259, 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 Q66JF8
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for osr1 recombinant protein	MBS1303928 is a recombinant protein targeting osr1. Also known as Recombinant Xenopus tropicalis Protein odd-skipped-related 1 (osr1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of osr1 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 osr1. It may not necessarily be applicable to this product.

NCBI GI #	56118791
NCBI GeneID	493408
NCBI Accession #	NP_001008046.1
UniProt Primary Accession #	Q66JF8
UniProt Related Accession #	Q66JF8

GenBank Nucleotide #	NM_001008045.1
NCBI Official Full Name	protein odd-skipped-related 1
NCBI Official Synonym Full Names	odd-skipped related transciption factor 1
NCBI Official Symbol	osr1
NCBI Official Synonym Symbols	odd; odd1; XOsr1; znf91
UniProt Protein Name	Protein odd-skipped-related 1
Protein Family	Protein odd-skipped
UniProt Gene Name	osr1
UniProt Synonym Gene Names	XOsr1
NCBI Protein Information	protein odd-skipped-related 1
UniProt Comments for osr1	Transcriptional repressor (). Required for pronephric kidney development.
Research Articles on osr1	**1.** Osr1/Osr2 normally repress bmp4 expression in the lateral plate mesoderm prior to respiratory specification.
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