Transcriptional Regulatory Protein Zrar (zraR) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcriptional regulatory protein ZraR (zraR), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi Transcriptional regulatory protein ZraR (zraR)
Product Gene Name	zraR recombinant protein
Product Synonym Gene Name	zraR
Sequence	MIRGKIDILV VDDDVSHCTI LQALLRGWGY NVALAYSGHD ALAQVREKVF DLVLCDVRMA EMDGIATLKE IKALNPAIPI LIMTAFSSVE TAVEALKAGA LDYLIKPLDF DRLQETLEKA LAHTRETGAE LPSASAAQFG MIGSSPAMQH LLNEIAMVAP SDATVLIHGD SGTGKELVAR ALHACSARSD KPLVTLNCAA LNESLLESEL FGHEKGAFTG ADKRREGRFV EADGGTLFLD EIGDISPLMQ VRLLRAIQER EVQRVGSNQT ISVDVWLIAA THRDLAEEVS AGRFRQDLYY RLNVVAIEMP SLRQRREDIP LLADHFLRRF AERNRKAVKG FTPQAMDLLI HYDWPGNIRE LENAIERAVV LLTGEYISER ELPLAIAATP IKAENSAEIQ PLVDVEKEVI LAALEKTGGN KTEAARQLGI TRKTLLAKLS R
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	48,499 Da
Sequence Positions	1-441, 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 Q8Z333
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for zraR recombinant protein	MBS1326912 is a recombinant protein targeting zraR. Also known as Recombinant Salmonella typhi Transcriptional regulatory protein ZraR (zraR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of zraR 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 zraR. It may not necessarily be applicable to this product.

NCBI GI #	16762283
NCBI GeneID	1249967
NCBI Accession #	NP_457900.1
UniProt Primary Accession #	Q8Z333

GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	transcriptional regulator
NCBI Official Symbol	STY3711
NCBI Official Synonym Symbols	hydG
UniProt Protein Name	Transcriptional regulatory protein ZraR
Protein Family	Transcriptional regulatory protein
UniProt Gene Name	zraR
UniProt Synonym Gene Names	hydG
NCBI Protein Information	transcriptional regulator
UniProt Comments for zraR	Member of the two-component regulatory system ZraS/ZraR. When activated by ZraS it acts in conjunction with sigma-54 to regulate the expression of zraP. Positively autoregulates the expression of the zraSR operon ().
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