Probable Ribonucleoside-Diphosphate Reductase Small Subunit 048l (IIV3-048L) Invertebrate Iridescent Virus 3 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ribonucleoside-diphosphate reductase small subunit 048L (IIV3-048L), Recombinant Protein
Full Product Name	Recombinant Invertebrate iridescent virus 3 Probable ribonucleoside-diphosphate reductase small subunit 048L (IIV3-048L)
Product Gene Name	IIV3-048L recombinant protein
Product Synonym Gene Name	IIV3-048L
Sequence	MEYEHLWLTA YGCLAVVGAV VVYCAIKQSL VTNWWFYGSI YPQVKLMADR TTFKPFEYPG CYDKWDTHEH AHWSFKELNM QDDVHDWHNR LSEAEKTFLV QILRFFTQGD VDVAVGYVQY LQLFQQPEVR MMLFSFGARE AMHIASYSHL ISTLNLPDVT YQEFLKYKAM KDKHEFVFNS RFKSTTVGRF FNYLLFGYDT HLEEIAVKIA LFSAFIEGVQ LFSSFIMLLN FTRHGLMKKM GQIIQWSIAD ETHHTNSMME LFSTLVVENK SHIRLGVLEA RVRDTARKIV QLEDGFIDLA FSMGEMRQLT ADDVKSYIRY ITNRRLQTMG YLPLYSVVEN PLPWVEDLLN APSHTNFFEN KPTEYAKASL TGDWPW
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	44,070 Da
Sequence Positions	1-376, 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 Q197B2
Species	Invertebrate iridescent virus 3 (IIV-3) (Mosquito iridescent virus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IIV3-048L recombinant protein	MBS1361997 is a recombinant protein targeting IIV3-048L. Also known as Recombinant Invertebrate iridescent virus 3 Probable ribonucleoside-diphosphate reductase small subunit 048L (IIV3-048L). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of IIV3-048L 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 IIV3-048L. It may not necessarily be applicable to this product.

NCBI GI #	109287926
NCBI GeneID	4156298

NCBI Accession #	YP_654620.1
UniProt Primary Accession #	Q197B2
UniProt Related Accession #	Q197B2
GenBank Nucleotide #	NC_008187.1
NCBI Official Full Name	hypothetical protein MIV048L
NCBI Official Symbol	MIV048L
UniProt Protein Name	Probable ribonucleoside-diphosphate reductase small subunit 048L
UniProt Synonym Protein Names	Ribonucleotide reductase small subunit
Protein Family	Probable ribonucleoside-diphosphate reductase
UniProt Gene Name	IIV3-048L
NCBI Protein Information	hypothetical protein
UniProt Comments for IIV3-048L	Ribonucleoside-diphosphate reductase holoenzyme provides the precursors necessary for viral DNA synthesis. Allows virus growth in non-dividing cells. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides ().
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