Cytokinin-Beta-Glucosidase (rolC) Agrobacterium Rhizogenes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytokinin-beta-glucosidase (rolC), Recombinant Protein
Full Product Name	Recombinant Agrobacterium rhizogenes Cytokinin-beta-glucosidase (rolC)
Product Gene Name	rolC recombinant protein
Sequence	MAEDDLCSLF FKLKVEDVTS SDELARHMKN ASNERKPLIE PGENQSMDID EEGGSVGHGL LYLYVDCPTM MLCFYGGSLP YNWMQGALLT NLPPYQHDVT LDEVNRGLRQ ASGFFGYADP MRSAYFAAFS FPGRVIKLNE QMELTSTKGK CLTFDLYAST QLRFEPGELV RHGECKFAIG
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	20,203 Da
Sequence Positions	1-180, 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 P20403
Species	Agrobacterium rhizogenes
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rolC recombinant protein	MBS1260076 is a recombinant protein targeting rolC. Also known as Recombinant Agrobacterium rhizogenes Cytokinin-beta-glucosidase (rolC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rolC 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 rolC. It may not necessarily be applicable to this product.

NCBI GI #	133271
NCBI Accession #	P20403.1
UniProt Primary Accession #	P20403
NCBI Official Full Name	Cytokinin-beta-glucosidase
UniProt Protein Name	Cytokinin-beta-glucosidase
UniProt Synonym Protein Names	ROL C protein
Protein Family	Cytokinin-beta-glucosidase

UniProt Gene Name	rolC
UniProt Comments for rolC	Hydrolyzes cytokinin glucosides thus liberating free cytokinins. Contributes to the root inducing activity.
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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