Putative Cytochrome P450 CYP13A4 (cyp-13A4) Caenorhabditis Elegans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative cytochrome P450 CYP13A4 (cyp-13A4), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis elegans Putative cytochrome P450 CYP13A4 (cyp-13A4), partial
Product Gene Name	cyp-13A4 recombinant protein
Product Synonym Gene Name	cyp-13A4
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	59,371 Da
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 Q27513
Species	Caenorhabditis elegans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cyp-13A4 recombinant protein	MBS1314962 is a recombinant protein targeting cyp-13A4. Also known as Recombinant Caenorhabditis elegans Putative cytochrome P450 CYP13A4 (cyp-13A4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cyp-13A4 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 cyp-13A4. It may not necessarily be applicable to this product.

NCBI GI #	17536175
NCBI GeneID	188355
NCBI Accession #	NP_496111.1
UniProt Primary Accession #	Q27513
UniProt Related Accession #	Q27513
GenBank Nucleotide #	NM_063710.1
NCBI Official Full Name	Putative cytochrome P450 CYP13A4
NCBI Official Symbol	cyp-13A4

UniProt Protein Name	Putative cytochrome P450 CYP13A4
Protein Family	Putative cytochrome
UniProt Gene Name	cyp-13A4
UniProt Synonym Gene Names	cyp13a4
NCBI Protein Information	Putative cytochrome P450 CYP13A4
UniProt Comments for cyp-13A4	Cytochromes P450 are a group of heme-thiolate monooxygenases. They oxidize a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.
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