

Metapyrocatechase (xylE) Recombinant Protein | xylE recombinant protein

Recombinant *Pseudomonas putida* Metapyrocatechase (xylE)

CATALOG # AAA115885	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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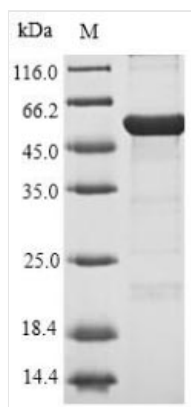
PRODUCT SYNONYMS

Metapyrocatechase (xylE); Recombinant *Pseudomonas putida* Metapyrocatechase (xylE); Metapyrocatechase; MPC; EC=1.13.11.2; CatO2ase; Catechol 2, 3-dioxygenase; xylE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-307. Full Length
Sequence	MNKGVMRPGH VQLRVLDMSK ALEHYVELLG LIEMDRDDQG RVYLKAWTEV DKFSLVLREA DEPGMDFMGF KVVD DALRQ LERDL MAYGC AVEQLPAGEL NSCGRRVRFQ APSGHHFELY ADKEYTGKWG LNDVNPEAWP RDLKGMAAVR FDHALMYGDE LPATYDLFTK VLG FYLA EQV LDENGTRVAQ FLSLSTKAHD VAFIHHPEKG RLHHVSFHLE TWEDLLRAAD LISMTDTSID IGPTRHGLTH GKTIFYFDPS GNRNEVFCGG DYNYPDHKPV TWTTDQLGKA IFYHDRILNE RFMTVL T
Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for xylE recombinant protein	This protein is involved in the pathway toluene degradation, which is part of Xenobiotic degradation. View all proteins of this organism that are known to be involved in the pathway toluene degradation and in Xenobiotic degradation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18150929
NCBI GeneID	1218746
NCBI Accession #	NP_542866.1
NCBI GenBank Nucleotide #	NC_003350.1
UniProt Accession #	P06622
Molecular Weight	55.2 kDa
NCBI Official Full Name	catechol 2,3-dioxygenase
NCBI Official Symbol	xylE
NCBI Protein Information	xylE; catechol 2,3-dioxygenase
UniProt Protein Name	Metapyrocatechase
UniProt Gene Name	xylE
UniProt Synonym Gene Names	MPC
UniProt Entry Name	XYLE1_PSEPU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/xyle-recombinant-protein-e-coli/115885>