

Recombinant Pseudomonas Putida XYLE Protein (1-307 aa), His-SUMO-Myc-tagged

Cat. No. XYLE-2244P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pseudomonas Putida (Arthrobacter siderocapsulatus) XYLE Protein (1-307 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Pseudomonas Putida
Source	E.coli
ProteinLength	1-307 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	55.2 kDa
AA Sequence	MNKGVMRPGHVQLRVLDMSKALEHYVELLGLIEMDRDDQGRVYLKAWTEVDKFSL VLREADEPGMDFMGFKVDEDALRQLERDL MAYGC AVEQLPAGELNSCGRRVRFQ APSGHHFELYADKEYTGKWGLNDVNPEAWPRDLKGMAAVRFDHALMYGDELPATY DLFTKVLGFYLAEQVLDENGTRVAQFLSLSTKAHDVAFIHHPEKGRLHHVSFHLETW EDLLRAADLISMTDTSIDIGPTRHGLTHGKTIYFFDPSG NRNEVFCGGDYNYPDHKPV

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	TWTTDQLGKAIFYHDRILNERFMTVLT
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

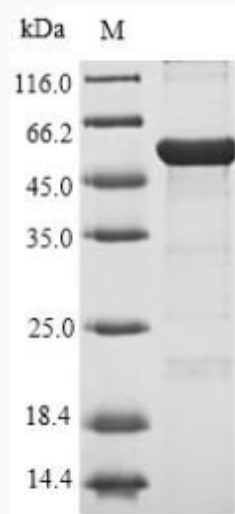
GENE INFORMATION

Gene Name	xylE xylE [<i>Pseudomonas putida</i>]
Official Symbol	XYLE
Synonyms	xylE; CatO2ase Catechol 2,3-dioxygenase;
Gene ID	1218746
Protein Refseq	NP_542866
UniProt ID	P06622

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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