

Recombinant Sorangium cellulosum Mannonate dehydratase(uxuA)



Catalog No: #AP73776

Orders: order@abscitech.com

Package Size: #AP73776-1 10ug #AP73776-2 50ug #AP73776-3 100ug #AP73776-4 200ug #AP73776-5 500ug #AP73776-6 1mg

Support: tech@abscitech.com

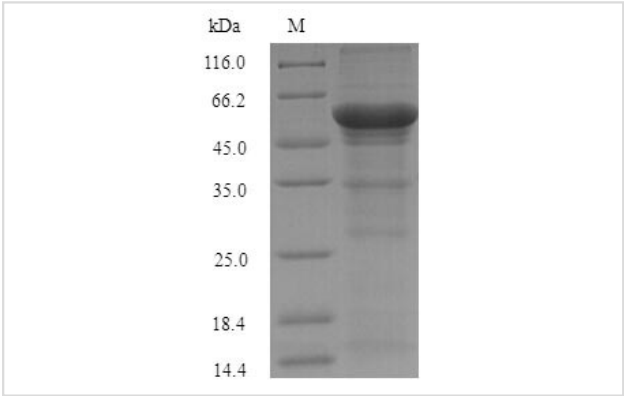
Description

Product Name	Recombinant Sorangium cellulosum Mannonate dehydratase(uxuA)
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	uxuA
Other Names	D-mannonate hydro-lyase
Accession No.	Uniprot ID: A9EVN4
Target Species	Sorangium cellulosum (strain So ce56) (Polyangium cellulosum
SDS-PAGE MW	55.68kDa
Target Length	Full Length, 1-357aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MKMTFRWYGENDPVKLEYIRQIPGIYGIVSAIYDVPVGEVWPVERLQALRARVEGVGLRFEVVESVPVHEDIKL GKPARERLIDNFCQNIRNCAAAGVKVICYNFMPVFDWTRTEMARELPDGSLTLAFDAAVAEIDPEQGISLPG WDSSYRPEQLRAVLDEYKNVSEEALWEHLEHFLRRIIPVAEEVGVRMAMHPDDPPRPIFGLPRIVKNRDDLMLR LVKTVDSPANGITLCGSLGADLCNNIVSLVREFGGMGRIPIFGHLRNVAVQEDGTTFFESAHLSCGSLDMAAIV KAYHDVGFDGYVRPDHGRMIWGETGKPGYGLYDRALGLVYLNGLWEATCKLSPGPAAKVPAPG
Formulation	Tris-based buffer,50% glycerol
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

Catalyzes the dehydration of D-mannonate.

References

"Complete genome sequence of the myxobacterium *Sorangium cellulosum*."Schneiker S., Perlova O., Kaiser O., Gerth K., Alici A., Altmeyer M.O., Bartels D., Bekel T., Beyer S., Bode E., Bode H.B., Bolten C.J., Choudhuri J.V., Doss S., Elnakady Y.A., Frank B., Gaigalat L., Goesmann A. Mueller R.Nat. Biotechnol. 25:1281-1289(2007)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.