Recombinant Sorangium Cellulosum UXUA Protein (1-357 aa), His-SUMO-tagged

Cat. No. UXUA-1770S **Lot. No.** (See product label)

SPECIFICATION

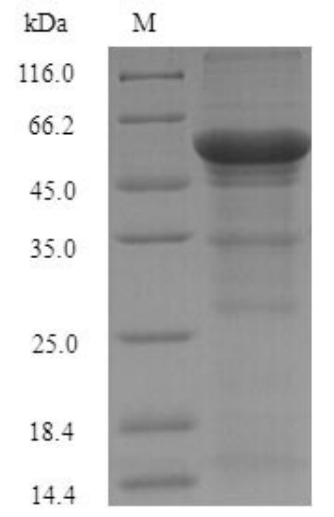
Product Overview	Recombinant Sorangium Cellulosum (strain So ce56) (Polyangium cellulosum (strain So ce56)) UXUA Protein (1-357 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Sorangium Cellulosum
Source	E.coli
ProteinLength	1-357 aa
Description	Catalyzes the dehydration of D-mannonate.
Form	Tris-based buffer,50% glycerol
Molecular Mass	55.7 kDa
AA Sequence	MKMTFRWYGENDPVKLEYIRQIPGIYGIVSAIYDVPVGEVWPVERLQALRARVEGVG LRFEVVESVPVHEDIKLGKPARERLIDNFCQNIRNCAAAGVKVICYNFMPVFDWTRT EMARELPDGSLTLAFDAAAVAEIDPEQGISLPGWDSSYRPEQLRAVLDEYKNVSEEA LWEHLEHFLRRIIPVAEEVGVRMAMHPDDPPRPIFGLPRIVKNRDDLMRLVKTVDSP ANGITLCSGSLGADLCNNIVSLVREFGGMGRIPFGHLRNVAVQEDGTFFESAHLSCE GSLDMAAIVKAYHDVGFDGYVRPDHGRMIWGETGKPGYGLYDRALGLVYLNGLWE ATCKLSPGPAAKVPAPG

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms	uxuA; D-mannonate hydro-lyase;
UniProt ID	A9EVN4



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

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