

Recombinant Arthrobacter Globiformis UOX Protein (11-297 aa), His-tagged

Cat. No. UOX-1553A **Lot. No.** (See product label)

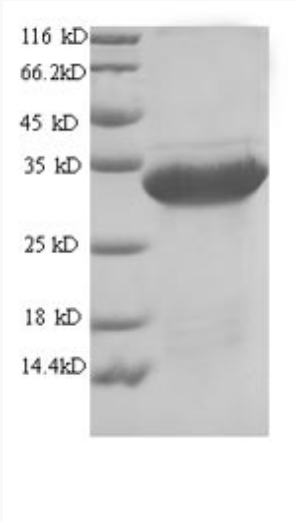
SPECIFICATION

Product Overview	Recombinant Arthrobacter Globiformis UOX Protein (11-297 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Arthrobacter Globiformis
Source	Yeast
ProteinLength	11-297 aa
Description	Catalyzes the oxidation of uric acid to 5-hydroxyisourate, which is further processed to form (S)-allantoin.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	34.4 kDa
AA Sequence	TKVVLGQNQYGKAEVRLVKVTRNTARHEIQDLNVTSQLRGDFEAAHTAGDNAHVVA TDTQKNTVYAFARDGFATTEEFLLRLGKHFTGFDWVTGGRWAAQQFFWDRINDH DHAFSRNKSEVRTAVLEISGSEQAIVAGIEGLTVLKSTGSEFHGFPRDKYTTLQETTD RILATDVSARWRYNTVEVDFDAVYASVRGLLLKAFETHSLALQQTMYEMGRAVIET HPEIDEIKMSLPNKHFLVDLQPFQDNPNEVFYAADRPYGLIEATIQREGSRADHPI WSN

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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	uox; Urate oxidase Short name: AgUOX;
UniProt ID	D0VWQ1
	

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

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