

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
DHAFSRNKSEVRTAVLEISGSEQAIVAGIEGLTVLKSTGSEFHGFPRDKYTTTLQETTD
RILATDVSARWRYNTVEVDFDAVYASVRGLLLKAFETHSLALQQTMYEMGRAVIET
HPEIDEIKMSLPNKHFLVLDLQPFQDNPNEVFYAADRPYGLIEATIQREGSRADHPI
WSN
```

 Tel: 1-631-559-9269 1-516-512-3133

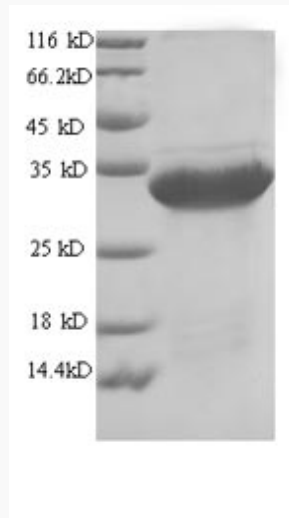
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



 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



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

 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