Recombinant Pig UOX Protein (1-304 aa), His-SUMO-tagged

Cat. No. UOX-2046P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig UOX Protein (1-304 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	Pig
Source	E.coli
ProteinLength	1-304 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	51.0 kDa
AA Sequence	MAHYRNDYKKNDEVEFVRTGYGKDMIKVLHIQRDGKYHSIKEVATSVQLTLSSKKDY LHGDNSDVIPTDTIKNTVNVLAKFKGIKSIETFAVTICEHFLSSFKHVIRAQVYVEEVP WKRFEKNGVKHVHAFIYTPTGTHFCEVEQIRNGPPVIHSGIKDLKVLKTTQSGFEGFI KDQFTTLPEVKDRCFATQVYCKWRYHQGRDVDFEATWDTVRSIVLQKFAGPYDKG EYSPSVQKTLYDIQVLTLGQVPEIEDMEISLPNIHYLNIDMSKMGLINKEEVLLPLDNP YGRITGTVKRKLTSRL
Purity	> 90% as determined by SDS-PAGE.

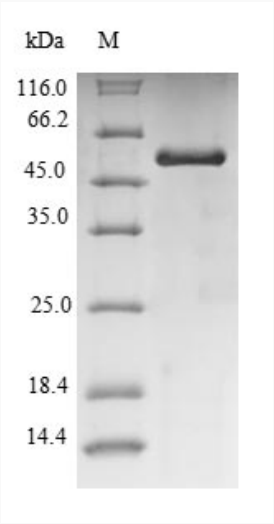
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Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

Gene Name	UOX urate oxidase [Sus scrofa (pig)]
Official Symbol	UOX
Synonyms	UOX; Urate oxidase;
Gene ID	397510
mRNA Refseq	NM_214270
Protein Refseq	NP_999435
UniProt ID	P16164

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

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