

Product datasheet

Recombinant Human Superoxide Dismutase 4/CCS protein ab99300

[1 Image](#)

Description

Product name	Recombinant Human Superoxide Dismutase 4/CCS protein	
Purity	> 90 % SDS-PAGE. ab99300 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	<u>O14618</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MGSSHHHHHSSGLVPRGSHMASDSGNQGTLCLEFA VQMTCQSCVDAVR KSLQGVAGVQDVEVHLEDQMVLVHTTLPSQEVQALLEGT GRQAVLKGMGS GQLQNLGAAVAILGGPGTVQGVVRFLLQTPERCLIEGTIDG LEPGLHGLH VHQYGDLTNNCNSCGNHFNPDGASHGGPQDSDRHRGDL GNVRADADGRAI FRMEDEQLKVWDVIGRSLIIDEGEDDLGRGGHPLSKITGN SGERLACGII ARSAGLFQNPQKQICSCDGLTWEERGRPIAGKGRKESAQP PAHL</p>	
Predicted molecular weight	31 kDa including tags	
Amino acids	1 to 274	
Tags	His tag N-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab99300** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

	Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	This product was previously labelled as Superoxide Dismutase 4.

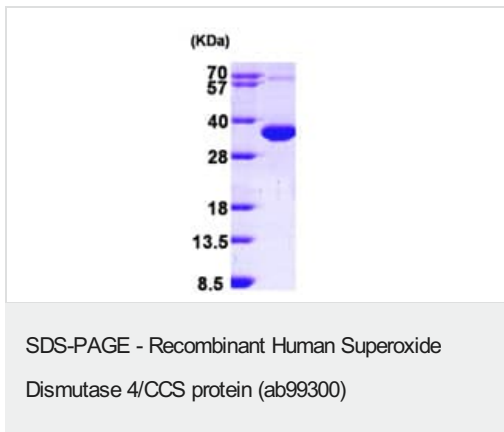
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 1.16% Sodium chloride
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General Info

Function	Delivers copper to copper zinc superoxide dismutase (SOD1).
Tissue specificity	Ubiquitous.
Sequence similarities	In the C-terminal section; belongs to the Cu-Zn superoxide dismutase family. Contains 1 HMA domain.
Cellular localization	Cytoplasm.

Images



15% SDS-PAGE showing [ab299300](#) (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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