Superoxide Dismutase 3 Recombinant Protein | SOD3 recombinant protein

Recombinant Superoxide Dismutase 3, Extracellular (SOD3)

CATALOG #	HOST	APPLICATIONS
AAA145420	**E Coli**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Superoxide Dismutase 3; Recombinant Superoxide Dismutase 3; Extracellular (SOD3); SOD-3; EC-SOD; Extracellular Superoxide Dismutase Cu-Zn; SOD3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	WTGEDSAEPN SDSAEWIRDM YAKVTEIWQE VMQRRDDDGA LHAACQVQPS ATLDAAQPRV TGVVLFRQLA PRAKLDAFFA LEGFPTEPNS SSRAIHVHQF GDLSQGCEST GPHYNPLAVP HPQHPGDFGN FAVRDGSLWR YRAGLAASLA GPHSIVGRAV VVHAGEDDLG RGGNQASVEN GNAGRRLACC VVGVCGPGLW ERQAREHSER KKRRRESECK AA
Applicable Applications for SOD3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	27.9kDa
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Endotoxin Level	<1.0EU per 1 ug (determined by the LAL method)
Expression System	Prokaryotic expression
Fragment	Trp19~Ala240 (Accession # P08294)
Organism Species	Human
Tag	two N-terminal Tags, His-tag and T7-tag
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/superoxide-dismutase-3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/145420