

Superoxide Dismutase 1 Recombinant Protein | SOD1 recombinant protein

Recombinant Human Superoxide Dismutase 1

CATALOG # AAA249445	HOST E Coli	APPLICATIONS ELISA, Western Blot
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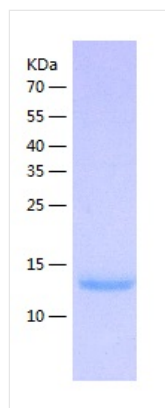
PRODUCT SYNONYMS

Superoxide Dismutase 1; Recombinant Human Superoxide Dismutase 1; ALS; ALS1; Amyotrophic lateral sclerosis 1 adult; Cu/Zn SOD; Cu/Zn superoxide dismutase; Epididymis secretory protein Li 44; HEL S 44; Homodimer; hSod1; Indophenoloxidase A; IPOA; Mn superoxide dismutase; SOD; SOD soluble; SOD1; SOD2; SODC; SODC_HUMAN; Superoxide dismutase [Cu-Zn]; Superoxide dismutase 1; Superoxide dismutase 1 soluble; Superoxide dismutase Cu Zn; Superoxide dismutase cystolic; SOD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Sequence Positions	2-154
Applicable Applications for SOD1 recombinant protein	ELISA, WB (Western Blot)
Species	Human
Tag	His tag
Reconstitution	Sterile distilled water
Safety note	This product is intended for research and manufacturing uses only. It is not a test device. Product degradation will result from multiple freeze/thaw cycles. It is suggested that the antigen be stored in use size aliquots and thawed just prior to use. This material has been inactivated, however as with all biological materials, it should be handled as potentially infectious. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.
Preparation and Storage	Store at -20°C lyophilized; 2-8°C long term under sterile conditions after reconstitution.

IMAGES



SDS-PAGE
SDS-Page

NCBI AND UNIPROT INFORMATION

NCBI GI #	134611
NCBI GeneID	6647
UniProt Accession #	P00441; Q16669; Q16711; Q16838; Q16839; Q16840; Q6NR85; A6NHJ0; D3DSE4
Molecular Weight	16.7 kDa
NCBI Official Full Name	Superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 1, soluble
NCBI Official Symbol	SOD1
NCBI Official Synonym Symbols	ALS; SOD; ALS1; IPOA; hSod1; HEL-S-44; homodimer
NCBI Protein Information	superoxide dismutase [Cu-Zn]; superoxide dismutase [Cu-Zn]; SOD, soluble; indophenoloxidase A; Cu/Zn superoxide dismutase; superoxide dismutase, cystolic; epididymis secretory protein Li 44
UniProt Protein Name	Superoxide dismutase [Cu-Zn]
UniProt Gene Name	SOD1
UniProt Synonym Gene Names	hSod1
UniProt Entry Name	SODC_HUMAN

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/sod1-recombinant-protein-e-coli-elisa-wb-western-blot/249445>