Superoxide Dismutase 3, Extracellular (SOD3) Recombinant Protein | SOD3 recombinant protein

Recombinant Superoxide Dismutase 3, Extracellular (SOD3)

CATALOG #	HOST	APPLICATIONS
AAA153278	**E coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Trp19~Ala240
Applicable Applications for SOD3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.3
Subcellular Location	Secreted
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

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                    WT GEDSAEPNSD SAEWIRDMYA KVTEIWQEVM
QRRDDDGALH AACQVQPSAT LDAAQPRVTG VVLFRQLAPR AKLDAFFALE
GFPTEPNSSS RAIHVHQFGD LSQGCESTGP HYNPLAVPHP QHPGDFGNFA
VRDGSLWRYR AGLAASLAGP HSIVGRAVVV HAGEDDLGRG GNQASVENGN
AGRRLACCVV GVCGPGLWER QAREHSERKK RRRESECKAA
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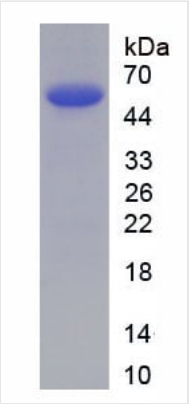
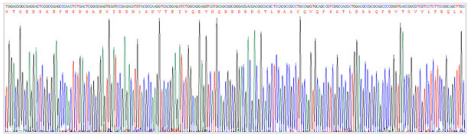
Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for SOD3 recombinant protein	Prokaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	108885292
NCBI GeneID	6649
UniProt Accession #	P08294; Q5U781; Q6FHA2
Molecular Weight	240
NCBI Official Full Name	Extracellular superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 3, extracellular
NCBI Official Symbol	SOD3
NCBI Official Synonym Symbols	EC-SOD
NCBI Protein Information	extracellular superoxide dismutase [Cu-Zn]; extracellular superoxide dismutase [Cu-Zn]
UniProt Protein Name	Extracellular superoxide dismutase [Cu-Zn]
UniProt Gene Name	**SOD3**
UniProt Synonym Gene Names	EC-SOD
UniProt Entry Name	SODE_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/sod3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153278