

Superoxide Dismutase-2 Recombinant Protein | SOD2 recombinant protein

Recombinant Mouse Superoxide Dismutase-2

CATALOG # AAA37993	HOST E Coli
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PRODUCT SYNONYMS

Superoxide Dismutase-2; Recombinant Mouse Superoxide Dismutase-2; SOD2 Mouse; Superoxide Dismutase-2 Mouse Recombinant; Superoxide dismutase [Mn]; mitochondrial; Sod-2; SOD2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	SOD2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSKHSLPDLPYD YGALEPHINA QIMQLHHSKH HAAYVNNLNA TEEKYHEALA KGDVTTQVAL QPALKFNGGG HINHTIFWTN LSPKGGGEPK GELLEAIKRD FGSFEKFKEK LTAVSVGVQG SGWGWLGFNK EQGRLQIAAC SNQDPLQGTG GLIPLLIDV WEHAYYLQYK NVRPDYLKAI WNVINWENV ERYTACKK
Sequence Length	222
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for SOD2 recombinant protein	Description: SOD2 Mouse Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (25-222 a.a) and having a molecular mass of 24.6kDa.SOD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for SOD2 recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	31980762
NCBI GeneID	20656
NCBI Accession #	NP_038699.2
NCBI GenBank Nucleotide #	NM_013671.3
UniProt Accession #	P09671 ; Q64670 ; Q8VEM5
NCBI Official Full Name	superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 2, mitochondrial
NCBI Official Symbol	Sod2

NCBI Official Synonym Symbols	MnSOD; Sod-2
NCBI Protein Information	superoxide dismutase [Mn], mitochondrial
UniProt Protein Name	Superoxide dismutase [Mn], mitochondrial
UniProt Gene Name	Sod2
UniProt Synonym Gene Names	Sod-2
UniProt Entry Name	SODM_MOUSE

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/sod2-recombinant-protein-e-coli/37993>