

Product datasheet for **AR51896PU-S**

Superoxide dismutase 2 / SOD2 (25-222, His-tag) Mouse Protein

Product data:

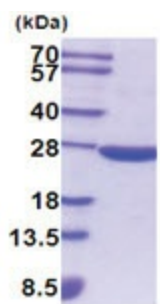
Product Type:	Recombinant Proteins
Description:	Superoxide dismutase 2 / SOD2 (25-222, His-tag) mouse recombinant protein, 0.1 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSKHSLPDL PYDYGALEPH INAQIMQLHH SKHHAAYVNN LNATEEKYHE ALAKGDVTTQ VALQPALKFN GGGHINHTIF WTNLSPKGGG EPKGELLEAI KRDFGSFEKF KEKLTAVSVG VQGSWGWLW FNKEQGRLQI AACSNQDPLQ GTTGLIPLLQ IDVWEHAYYL QYKNVRPDYL KAIWNVINWE NVTERYTACK K
Tag:	His-tag
Predicted MW:	24.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse Sod2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_038699
Locus ID:	20656
UniProt ID:	P09671 , Q4FJX9
Cytogenetics:	17 8.75 cM
Synonyms:	MnSOD; Sod-2



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Summary: Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.[UniProtKB/Swiss-Prot Function]

Product images:



15% SDS-PAGE (3ug)