

Product datasheet for **TP501642**

Sod2 (BC066063) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse superoxide dismutase 2, mitochondrial (cDNA clone MGC:90127 IMAGE:6849521), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from Mouse cDNA ORF Clone, MR201642, encoding Mouse full-length Sod2.
Tag:	C-MYC/DDK
Predicted MW:	149.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	20656
UniProt ID:	P09671
RefSeq Size:	4089
Cytogenetics:	17 8.75 cM
RefSeq ORF:	546
Synonyms:	MnSOD, MGC6144
Summary:	Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.[UniProtKB/Swiss-Prot Function]



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