

Product datasheet for TP501145

Sod1 (NM_011434) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse superoxide dismutase 1, soluble (Sod1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR201145 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAMKAVCVLKGDPVQGTIHFEQKASGEPVWLSGQITGLTEGQHGFHVHQYGDNTQGCTSAGPHFNPHSK
KHGGPADEERHVGDLGNVTAGKDGVANVSIEDRVISLSGEHSIIGRTMVVHEKQDDLKGGNEESTKTGN
AGSRLACGVIGIAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	16.4 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.
RefSeq:	NP_035564
Locus ID:	20655
UniProt ID:	P08228
RefSeq Size:	661
Cytogenetics:	16 51.56 cM



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RefSeq ORF: 465

Synonyms: B430204E11Rik; Cu/Zn-SOD; CuZnSOD; lpo-1; lpo1; Sod-1; SODC

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