

## Product datasheet for TP503199

### Sod3 (NM\_011435) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse superoxide dismutase 3, extracellular (Sod3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203199 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MLAFLFYGLLLAACGSVTMSDPGESSFDLADRLDPVEKIDRLDLVEKIGDTHAKVLEIWMELGRRREVDA AEMHAICRVQPSATLPPDQPQITGLVLFRLGPGSRLEAYFSLEGFPAEQNASNRAIHVHEFGDLSQGC STGPHYNPMEVPHQHPGDFGNFVVRNGQLWRHRVGLTASLAGPHSILGRSVVHAGEDDLGKGGNQASL QNGNAGRRLLACCVGTSSSAAWESQTKERKKRRRESECKTT
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	27.4 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:	<a href="#">NP_035565</a>
Locus ID:	20657
UniProt ID:	<a href="#">O09164</a> , <a href="#">Q542X9</a>
RefSeq Size:	2045



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<b>Cytogenetics:</b>	5 27.92 cM
<b>RefSeq ORF:</b>	756
<b>Synonyms:</b>	AI314465; EC-SOD
<b>Summary:</b>	Protect the extracellular space from toxic effect of reactive oxygen intermediates by converting superoxide radicals into hydrogen peroxide and oxygen.[UniProtKB/Swiss-Prot Function]