

## Product Datasheet

### Human SOD2 protein orb428541

<b>Description</b>	Recombinant of human SOD2 protein
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Target</b>	SOD2
<b>Form/Appearance</b>	Sterile filtered colorless solution. SOD2 Human solution containing 20mM Tris-HCl pH-8 & 20% glycerol.
<b>Storage</b>	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.
<b>Note</b>	For research use only.
<b>Protein Sequence</b>	MGSSHHHHHH SSGLVPRGSH MKHSLPDLPY DYGALEPHIN AQIMQLHHSK HHAAYVNNLN VTEEKYQEAL AKGDVTAQIA LQPALKFNGG GHINHSIFWT NLSPNGGGEP KGELLEAIKR DFGSFDKFKE KLTAASVGVQ GSGWGWLGFN KERGHQAIA CPNQDPLQGT TGLIPLLID VWEHAYYLQY KNVRPDYLKA IWNVINWENV TERYMACKK.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Source</b>	Escherichia Coli.
<b>Activity</b>	Specific activity is > 1,200 units/mg, in which one unit will inhibit the rate of reduction of cytochrome c by 50% in a coupled system, using xanthine and Xanthine oxidase at pH 7.8 at 25C in a 1.5 ml reaction volume.
<b>Expiration Date</b>	6 months from date of receipt.