

# Mouse SOD2 Recombinant Protein



RPPB4776

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## Product Information    Protein Information

**Product SKU:**

RPPB4776

**Accession:**

P09671

**Host:**

Escherichia Coli.

**Protein description:**

SOD2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (25-222 a.a) and having a molecular mass of 24.6kDa.SOD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Superoxide dismutase [Mn], Superoxide Dismutase-2, mitochondrial, Sod-2.

**Formulation:**

SOD2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSKHSLPDL PYDYGALEPH INAQIMQLHH SKHHAAYVNN LNATEEKYHE  
ALAKGDVTTQ VALQPALKFN GGGHINHTIF WTNLSPKGGG EPKGELLEAI KRDFGSFEKF KEKLTAVSVG  
VQGSWGWLWLN FNKEQGRLQI AACSNQDPLQ GTTGLIPLLG IDVWEHAYYL QYKNVRPDYL KAIWNVINWE  
NVTERYTACK K