

Datasheet for ABIN2732994

SOD1 Protein (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 20 µg |
| Target: | SOD1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SOD1 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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|------------------|--|
| Characteristics: | <ul style="list-style-type: none">• Recombinant human Superoxide Dismutase 1 / SOD1 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

Target Details

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|-------------------|---|
| Target: | SOD1 |
| Alternative Name: | Superoxide Dismutase 1, sod1 (SOD1 Products) |
| Background: | Destroys radicals which are normally produced within the cells and which are toxic to biological systems. [UniProtKB/Swiss-Prot Function] |
| Molecular Weight: | 15.8 kDa |
| NCBI Accession: | NP_000445 |

Target Details

Pathways:

Sensory Perception of Sound, Transition Metal Ion Homeostasis

Application Details

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|--------------------|--|
| Application Notes: | Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|---|
| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



Western Blotting

Image 1. Validation with Western Blot