

Human SOD1 protein (active)

Cat. No. GTX67155-pro

Applications Functional Assay**Species** Human**Package**

100 µg

Applications

Application Note

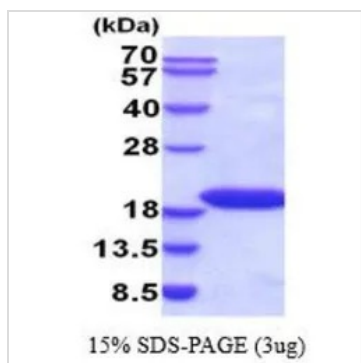
Specific activity is > 1000 units/mg, in which one unit will inhibit the rate of reduction of cytochrome c by 50% in a coupled system, using xanthine and Xanthine oxidase at pH 7.5 at 25°C.

Properties

Form Liquid**Buffer** 20mM Tris, 10% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** Full length protein, Length: 154 a.a. Sequence: MATKAVCVLK GDGPVQGIIN FEQKESNGPV KIWGSIKGLT EGLHGFHVHE FGDNTAGCTS AGPHFNPLSR KHGGPKDEER HVGDLGNVTA DKDGVADVSI EDSVISLSGD HCIIGRTLW HEKADDLGKG GNEESTKTGN AGSRLACGVI GIAQ**Expression System** E. coli**Purity** > 95% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

For full product information, images and publications, please visit our [website](#).

DATA IMAGES



GTX67155-pro Image

3 μ g of GTX67155-pro Human SOD1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



For full product information, images and publications, please visit our [website](#).