

Human SOD2 protein, His tag (active)

Cat. No. GTX67156-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.

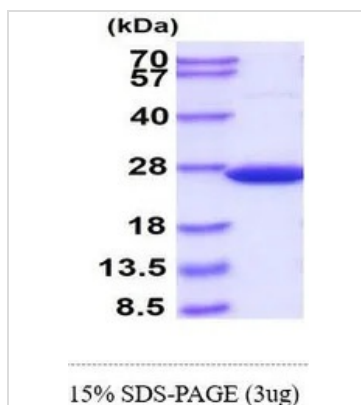
Properties

Form Liquid**Buffer** 20mM Tris-HCl, 20% 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** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

N-terminal His-Tag; Length: 219 a.a. Sequence: MGSSHHHHHH SGLVPRGSH MKHSLPDLPY DYGALEPHIN AQIMQLHHSK
HHAAYVNNLN VTEEKYQEAL AKGDVTAQIA LQPALKFNGG GHINHSIFWT NLSPNGGGEP KGELLEAIKR DFGSFDKFE
KLTAASVGQVQ GSGWGWLGFN KERHGLQIAA CPNQDPLQGT TGLIPLLID VWEHAYYLQY KNVRPDYLKA IWNVINWENV
TERYMACKK

Expression System E. coli**Purity** > 95% by SDS-PAGE.**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.

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DATA IMAGES

GTX67156-pro Image

3 μ g of GTX67156-pro Human SOD2 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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