

Human SOD1 protein (active)

Cat. No. GTX04316-pro

Applications	Functional Assay
Species	Human

Package
100 µg

Applications

Application Note

The potency per mg was tested by Pyrogalllic Acid method and was found to be more than 3,000 Units/mg.

Observed MW (kDa) 31.6 kDa.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with sterile H ₂ O but not less than 100 µg/ml. Lyophilized from 0.2µm filtered concentrated solution in PBS pH 7.4.
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1 week), store at 4°C. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA), aliquot, and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Region/Sequence	ATKAVCVLKG DGPVQGIINF EQKESNGPVK VWGSIKGLTE GLHGFHVHEF GDNTAGCTSA GPHFNPLSRK HGGPKDEERH VGD LGNVTAD KDG VADVSIE DSVISLSGDH CIIGRTL VVH EKADDLGKGG NEESTKTGNA GSRLACGVIG IAQ
Expression System	E. coli
Purity	> 95 % by RP-HPLC and SDS-PAGE
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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