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Recombinant Superoxide Dismutase 3, Extracellular (SOD3)

Catalog Number: SIPA075Hu01 **Spec: 10ug**

Product Name	Recombinant Superoxide Dismutase 3, Extracellular (SOD3)
Catalog Number	SIPA075Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Trp19~Ala240
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	150μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.3
Predicted Molecular Mass	27.9kDa
Accurate Molecular Mass	30/33kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

WT GEDSAEPNSD SAEWIRDMYA KVTEIWQEVM
QRRDDDGALH AACQVQPSAT LDAAQPRVTG VVLFRQLAPR AKLDAFFALE
GFPTEPNSSS RAIHVHQFGD LSQGCESTGP HYNPLAVPHP QHPGDFGNFA
VRDGSLWRYR AGLAASLAGP HSIVGRAVVV HAGEDDLGRG GNQASVENGN
AGRRLACCVV GVCGPGLWER QAREHSERKK RRRESECKAA

[IDENTIFICATION]

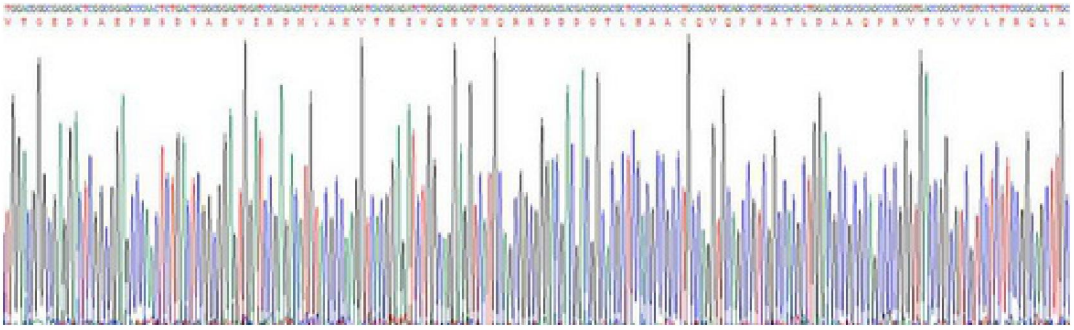


Figure . Gene Sequencing (extract)

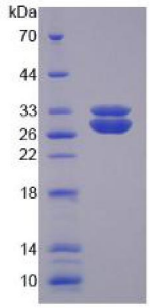


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.