

Product Datasheet

Human SOD2 protein (orb392506)

Description

Recombinant human SOD2 protein is

the target gene encod...

Reactivity

Human

Endotoxins

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Tested Applications

ELISA, MS, SDS-PAGE, WB

Target

SOD2

Preservatives

Liquid in a 0.2 μM filtered solution of 20mM Tris, 100mMNaCl, 50% Glycerol, pH 8.0.

Form/Appearance

Liquid in a 0.2 μM filtered solution of 20mM Tris, 100mMNaCl, 50% Glycerol, pH 8.0.

Storage

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Note

For research use only

Application notes

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Protein Sequence

MGSSHHHHHH SGLVPRGSH MLSRAVCGTS
RQLAPVLGYL GSRQKHSLPD LPYDYGALEP
HINAIQIMQLH HSKHHAAYVN NLNVTEEKYQ
EALAKGDVTA QIALQPALKF NGGGHINHSI
FWTNLSPNGG GEKKGELLEA IKRDFGSFDK
FKEKLTAASV GVQSGSGWGL GFNKERGHLQ
IAACPNQDPL QGTTGLIPLL GIDVWEHAYY
LQYKNVRPDY LKAIWNVINW ENVTERYMAC KK

Purity

Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Source

E. coli

Uniprot ID

P04179

Entrez

6648

Expiration Date

6 months from date of receipt.