

Product Datasheet

Human PRDX5 protein (orb707023)

Description

Recombinant Human Peroxiredoxin 5 Protein

system and the target ...

Reactivity

Human

Endotoxins

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

Tested

ELISA, MS, SDS-PAGE, WB

Applications
Target

PRDX5

Preservatives

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Form/Appearance

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Storage

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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 ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Protein Sequence

HHHHHHMAPI KVGDAIPAVE VFEGEPGNKV
NLAELFKGKK GVLFGVPGAF TPGCSKTHLP
GFVEQAEALK AKGVQVACL SVNDAFVTGE
WGRAHKAEGK VRLADPTGA FGKETDLLLD
DSLVSIFGMR RLKRFMSVVQ DGIVKALNVE
PDGTGLTCSL APNIISQL

Purity

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

Source

Human cells

Uniprot ID
P30044
Entrez
25824
Expiration Date

6 months from date of receipt.