

Product Datasheet

Human RPA1 protein (orb244501)

Description

Recombinant human Replication protein A 70 kDa DNA-binding subunit

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Tag

N-terminal 6xHis-SUMO-tagged

Note

For research use only

Application notes

Replication protein A 70 kDa DNA-binding subunit, N-terminally processed of His-SUMO-tag and expression region is 2-616aa

Protein Sequence

VGQLSEGAIAAIMQKGDNTNIKIPILQVINIRPITGNSPPRYRLMSDGLNTLSSFML
ATQLNPLVEEQQLSSNCVCQIHRFIVNTLKDGRRVVILMELEVLKSAEAVGVKIGN
PVPYNEGLGQPQVAPPAPAASPAASSRPQPQNGSSGMGSTVSKAYGASKTFGK
AAGPSLSHTSGGTQSKVVPASLTPYQSKWTICARVTNKSQIRTSNSRGEGLF
SLELVDESGEIRATAFNEQVDFKFFPLIEVNVVYFSGKGLKIANKQFTAVKNDYEM
TFNNETSVMPCEDDHLPTVQFDFTGIDDLNKS KDSLVDIIGICKSYEDATKITV
RSNNREVAKRNIYLMDTSGKVVTATLWGEDADKFDGSRQPVLAIKGARVSDFG
GRSLSVLSSSTIIANPDIEAYKLRGWFDAGQALDGVSLDLKSGGVGGSNTNW
KTLYEKSENLGQGDKPDYFSSVATVVYLRKENCMYQACPTQDCNKKVIDQQN
GLYRCEKCDTEFPNFKYRMILSVNIADFQENQWVTCFQESAEAILGQNAAYLGEL
KDKNEQAFEEVFQANFRSFIFRVRVKVETYNDERSRIKATVMDVKPVDYREYGR
RLVMSIRRSALM

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

84 kDa

Uniprot ID

P27694

Expiration Date

6 months from date of receipt.