

Product Datasheet

E. coli gyrA protein (orb604802)

Description

Recombinant Escherichia coli DNA gyrase subunit A(gyrA)

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 10xHis-tagged

Note

For research use only

Application notes

Full Length of Mature Protein

Protein Sequence

SDLAREITPVNIEELKSSYLDYAMSVIVGRALPDVRDGLKPVHRRVLYAMNVLG
NDWNKAYKKSARVVGDVIGKYHPHGDSAVYGTIVRMAQPFSLRYMLVDGQGNF
GSIDGDSAAAMRYTEIRLAKIAHELMADLEKETVDFVDNYDGTKEIPDVMPTKIPN
LLVNGSSGIAVGMATNIPPHNLTVEINGCLAYIDDEDISIEGLMEHIPGPDFPTAAII
NGRRGIEEAYRTGRGKVYIRARAEVEVDAKTGRETIIVHEIPYQVNKARLIEKIAEL
VKEKRVEGISALRDESDKDGMRIVIEVKRDAVGEVVLNNLYSQTQLQVSFGINMV
ALHHGQPKIMNLKDIIAAFVRHRREVTRRTIFELRKARDRAHILEALAVLANIDP
IILIRHAPTPAEAKTALVANPWQLGNVAAMLERAGDDAARPEWLEPEFGVRDG
LYYLTEQQAQAILDLRLQKLTGLEHEKLLDEYKELLDQIAELLRILGSADRLMEVIR
EELELVREQFGDKRRTETANSADINLEDLITQEDVVVTLSSHQYVKYQPLSEYEA
QRRGGKGKSAARIKEEDFIDRLLVANTHDHILCFSSRGRVYSMKVYQLPEATRGA
RGRPIVNLLPLEQDERITAILPVTEFEEGVKVFMATANGTVKKTVLTEFNRLRTAG
KVAIKLVDGDELIGVDLTSGEDEVMLFSAEGKVVRFKESSVRAMGCNTTGVRGI
RLGEGDKVVS LIVPRGDGAILTATQNGYGKRTAVAEYPTKSRATKGVISIKVTERN
GLVVGAVQVDDCDQIMMITDAGTLVRTRVSEISIVGRNTQGVILIRTAEDENVVG
LQRVAEPVDEEDLDTIDGSAAEGDDEIAPEVDVDDEPEEE

Purity

Greater than 85% as determined by SDS-PAGE.

Source

E.coli

MW

102.8 kDa

Uniprot ID

POAES4

Expiration Date

6 months from date of receipt.