

Product Datasheet

E. coli tktA protein (orb244705)

Description

Recombinant Escherichia coli (strain K12) Transketolase 1

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

This is His-SUMO-tag protein

Protein Sequence

MSSRKELANAIRALSMDAVQKAKSGHPGAPMGMDIAEVLWRDFLKHNPQNPS
WADRDRFVLSNGHGSMLIYSLHLTG YDLPMEELKNFRQLHSKTPGHPEVGYTA
GVETTTGPLGQGIANAVGMAIAEKTAAQFNRPBGHDIVDHYTYAFMGDGCMMME
GISHEVCSLAGTLKLGKLIIFYDDNGISIDGHVEGWFTDDTAMRFEAYGWHVIRD
IDGHDAASIKRAVEEARAVTDKPSLLMCKTIIGFGSPNKAGTHDSHGAPLGDAEI
ALTREQLGWKYAPFEIPSEIYAQWDAKEAGQAKESAWNEKFAAYAKAYPQEAAE
FTRRMKGEMPSDFDAKAKEFIKLANPAKIASRKASQNAIEAFGPLLPEFLGGS
ADLAPSNLTLWSGSKAINEDAAGNYIHYGVREFGMTAANGISLHGGFLPYTSTFL
MFVEYARNAVRMAALMKQRQVMVYTHDSIGLGEDGPTHQPVEQVASLRVTPN
MSTWRPCDQVESAVAWKYGVERQDGPTALILSRQNLAAQERTEEQLANIARGG
YVLKDCAGQPELIFIATGSEVELAVAAYEKLTAEGVKARVVSMPSTDAFDKQDAA
YRESVLPKAVTARVAVEAGIADYWKYVGLNGAIVGMTTFGESAPAEELLFEEFGF
TVDNVVAKAKELL

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

88.2 kDa

Uniprot ID

P27302

Expiration Date

6 months from date of receipt.