

Product Datasheet

Human PCK1 PEPCK1 protein (orb244430)

Description

Recombinant human Phosphoenolpyruvate carboxykinase, cytosolic

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-tagged

Note

For research use only

Application notes

Full length of His-tag and expression region is 1-622aa

Protein Sequence

MPPQLQNGNLNSAKVVQGSLSLPQAVREFLENNALCQPDHICDGSEEENG
 RLLGQMEEEGILRRLKKYDNCWLALDPRDVARESKTVIVTQEQRDTVPIPKTGL
 SQLGRWMSEEDFEKAFNARFPGCMKGRTMYVIPFSMGLGSPLSKIGIELTDSFY
 VVASMRIIMTRMGTPVLEAVGDGEFVKCLHSVGCPLPLQKPLVNNWPCNPELTI
 AHLPRREIISFGSGYGGNSLLGKKCFALRMASRLAKEEGWLAEHMLILGITNPE
 GEKKYLAAAFPSACGKTNLAMMNPSPGKWKVECVGDDIAWMKFDAQGHRLAIN
 PENGFFGVAPGTSVKTNPNAIKTIQNTIFTNVAETSDGGVYWEIDEPLASGVTI
 TSWKNKEWSEEDGEPCAHNPNSRFCTPASQCPIIDAAWESPEGVPIEGIIIFGGRRP
 AGVPLVYEALSWQHGVFVGAAMRSEATAAAEHKGKIIIMHDPFAMRPFFGYNFG
 KYLAHWLSMAQHPAAKLPKIFHVNWFRKDKEGKFLWPGFGENSRVLEWMFNRI
 DGKASTKLTPIGYIPKEDALNLKGLGHINMMELFSISKEFWEKEVEDIEKYLEDDQV
 NADLPCEIEREILALKQRISQM

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

73.2 kDa

Uniprot ID

P35558

Expiration Date

6 months from date of receipt.