

pykF E.Coli

Recombinant E.Coli Pyruvate Kinase I

Catalog Number: C65215
Issuance Date: 8 June 2018

Overview

Synonyms	Pyruvate kinase I, PK-1, pykF, b1676, JW1666.
Introduction	pykF E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 494 amino acids (1-470 a.a) and having a molecular mass of 53.3kDa.pykF is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Source	E.coli
Purity	Greater than 95% as determined by SDS-PAGE.

Properties

Physical appearance	Sterile Filtered colorless solution. pykF protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMKTKI VCTIGPKTES EEMLAKMLDA GMNVMRLNFS HGDYAEHGQR IQNLRNVMSK TGKTAAILLD TKGPEIRTMK LEGGNDVSLK AGQTFTFTTD KSVIGNSEMV AVTYEGFTTD LSVGNTVLVD DGLIGMEVTA IEGNKVICKV LNNGDLGENK GVNLPGVSA LPALAEKDKQ DLIFGCEQGV DFVAASFIRK RSDVIEIREH LK

Storage

Stability	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
------------------	--