

RPPB1908

Product Information Protein Information

Product SKU:

RPPB1908

Accession:

P33232

Host:

E.coli.

Protein description:

IldD E.Coli Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 420 amino acids (1-396) and having a molecular mass of 45.3kDa. IldD is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

L-lactate dehydrogenase [cytochrome], IldD, lctD, b3605, JW3580.

Formulation:

The IldD solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT.

Purity:

Greater than 90% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSBMIISAA SDYRAAAQRI LPPFLFHYMD GGAYSEYTLR RNVEDLSEVA
LRQRILKNMS DLSLETLFN EKLSMPVALA PVGLCGMYAR RGEVQAAKAA DAHGIPFTLS TVSVCPIEEV
APAIKRPMWF QLYVLRDRGF MRNALERAKA AGCSTLVFTV DMPTPGARYR DAHSGMSGPN AAMRRYLQAV
THPQWAWDVG LNGRPHDLGN ISAYLGKPTG LEDYIGWLGN NFDPSISWKD LEWIRDFWDG PMVIKILD
EDARDAVRFV ADGIVVSNHG GRQLDGVLS ARALPAIADA VKGDAILAD SGIRNGLDVV RMIALGADTV
LLGRAFLYAL ATAGQAGVAN LLNLIEKEMK VAMTLTGAKS ISEITQDSLQ QGLGKELPAA LAPMAKGNAA.