

SlyD,1-196aa, E.coli, Recombinant, E.coli

Cat.NO.: TP03963

3th Edition

Synonyms:FKBP-type peptidyl-prolyl cis-trans isomerase, SlyD, FKBP-type peptidyl-prolyl cis-trans isomerase FKBP type peptidyl prolyl cis trans isomerase slyD, Histidine rich protein, PPIase, Rotamase, WHP.

Description:SlyD is a putative folding helper protein from the Escherichia coli cytosol, which consists of an N-terminal prolyl isomerase domain of the FKBP type and a presumably unstructured C-terminal tail. It is involved in the biosynthesis of the metal cluster in the [NiFe]-hydrogenase enzymes, and exhibits several activities including that of a peptidyl-prolyl isomerase. Recombinant E.Coli slyD was expressed in E.coli and purified by conventional chromatography.

Form:Liquid in 20mM Tris pH 7.5

Molecular Weight:21 kDa (196 aa), confirmed by MALDI-TOF.

Sequences:

MKVAKDLVVSLAYQVRTEDGVLVDESPVSAPLDYLGHGSLISGLETALEGHEVGDKFDVAVGANDAYGQYDENL
VQRVPKDVFMGVDELQVGMFLAETDQGPVPVEITAVEDDHVVVDGNHMLAGQNLKFNVEVVAIREATEEELAHG
HVHGAHDHHDHHDGCGGHGHDHGHEHGGEGCCGGKGNNGCGCH

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.