

E. Coli recombinant protein SlyD
E. Coli Recombinant SlyD
Catalog # PBV10602r**Specification**

E. Coli recombinant protein SlyD - Product info

Primary Accession	P0A9K9
Concentration	1
Calculated MW	21 kDa (196 aa, 1-196 aa) KDa

E. Coli recombinant protein SlyD - Additional Info

Gene ID	12931688
Gene Symbol	SLYD
Other Names	
FKBP-type peptidyl-prolyl cis-trans isomerase.	
Gene Source	E. Coli
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	>220 nmoles/min/mg
Sequence	MKVAKDLVVS LAYQVRTEDG VLVDESPVSA PLDYLGHGHS LISGLETALE GHEVGDKFDV AVGANDAYGQ YDENLVQRVP KDVFMGVDEL QVGMRFLAET DQGPVPVEIT AVEDDHVVVD GNHMLAGQNL KFNVEVVAIR EATEEELAHG HVHGAHDHHH DHDHDGCCGG HGHDHGHEHG GEGCCGGKGN GGCGCH

Format
Liquid**Storage**
-80°C; 1 mg/ml solution in 20 mM Tris-HCl (pH 7.5).**E. Coli recombinant protein SlyD - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

E. Coli recombinant protein SlyD - Images**E. Coli recombinant protein SlyD - Background**

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.

E. Coli recombinant protein SlyD - References

Wuelfing C., et al. J. Biol. Chem. 269:2895-2901(1994).
Roof W.D., et al. J. Biol. Chem. 269:2902-2910(1994).
Horne S.M., et al. Arch. Microbiol. 163:357-365(1995).
Blattner F.R., et al. Science 277:1453-1462(1997).
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