KBP-Type Peptidyl-Prolyl Cis-Trans Isomerase Active Protein | slyD active protein

Recombinant E Coli KBP-Type Peptidyl-Prolyl Cis-Trans Isomerase

CATALOG #	HOST
AAA38285	**E Coli**

PRODUCT SYNONYMS

KBP-Type Peptidyl-Prolyl Cis-Trans Isomerase; Recombinant E Coli KBP-Type Peptidyl-Prolyl Cis-Trans Isomerase; SlyD E.Coli; FKBP-Type Peptidyl-Prolyl Cis-Trans Isomerase E.Coli Recombinant; FKBP-Type Peptidyl-Prolyl Cis-Trans Isomerase; SlyD; slyD active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	SlyD protein solution contains 20mM Tris pH-7.5. Sterile Filtered colorless solution.
Sequence	MKVAKDLVVS LAYQVRTEDG VLVDESPVSA PLDYLHGHGS LISGLETALE GHEVGDKFDV AVGANDAYGQ YDENLVQRVP KDVFMGVDEL QVGMRFLAET DQGPVPVEIT AVEDDHVVVD GNHMLAGQNL KFNVEVVAIR EATEEELAHG HVHGAHDHHH DHDHDGCCGG HGHDHGHEHG GEGCCGGKGN GGCGCH
Sequence Length	196
Biological Activity	Specific activity is > 220 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.
Preparation and Storage	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). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for slyD active protein	**Description:** SlyD Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 196 amino acids and having a molecular mass of 21 kDa.
Product Categories/Family for slyD active protein	Enzymes; Isomerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	16131228
NCBI GeneID	947859
NCBI Accession #	NP_417808.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A9K9; P30856; Q2M714
NCBI Official Full Name	FKBP-type peptidyl prolyl cis-trans isomerase (rotamase)
NCBI Official Symbol	slyD
NCBI Official Synonym Symbols	ECK3336; JW3311
NCBI Protein Information	FKBP-type peptidyl prolyl cis-trans isomerase (rotamase)

UniProt Protein Name	FKBP-type peptidyl-prolyl cis-trans isomerase SlyD
UniProt Gene Name	**slyD**
UniProt Synonym Gene Names	PPIase
UniProt Entry Name	SLYD_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/e-coli-active-protein/kbp-type-peptidyl-prolyl-cis-trans-isomerase/38285