

Recombinant Escherichia coli Uncharacterized protein yciM(yciM),partial

Catalog No: #AP71141

Package Size: #AP71141-1 20ug #AP71141-2 100ug #AP71141-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Escherichia coli Uncharacterized protein yciM(yciM),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:17-389aaSequence Info:Cytoplasmic Domain
Accession No.	A0A0E1LWJ7
Calculated MW	58.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	WYMGRRSQAQNKQDEANRLSRDYVAGVNFLLSNQQDKAVDLFLDMLKEDTGTVEAHLTLGNLFRSRGEVDRAIRIHQTLMESASLTYEQRLLAIQQLGRDYMAAGLYDRAEDMFNQLTDETDFRIGALQQLLQIYQATSEWQKAI DVAERLVKLGKDKQRVEIAHFYCELALQHMASDDLDAMTLLKKGAAADKNSARVSIMMGRVFMAGGEYAKA VESLQRVISQDRELVSETLEMLQTCYQQLGKTAEWAEFLQRAVEENTGADAEMLADIIEARDGSEAAQVYIT RQLQRHPTMRVFKLMDYHLNEAEEGRAKESLMVLRDMVGKVRSPRYRCQKCGFTAYTLYWHCPSCRA WSTIKPIRGLDGL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Modulates cellular lipopolysaccharide (LPS) levels by regulating LpxC, which is involved in lipid A biosynthesis. May act by modulating the proteolytic activity of FtsH towards LpxC. May also coordinate assembly of proteins involved in LPS synthesis at the plasma membrane.

References

"Complete genome sequences of Escherichia coli strains 1303 and ECC-1470 isolated from bovine mastitis."Leimbach A., Poehlein A., Daniel R., Dobrindt U.Submitted (DEC-2014)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.