

Recombinant Escherichia coli Cell division protein ZipA(zipA)

Catalog No: #AP70952

Package Size: #AP70952-1 20ug #AP70952-2 100ug #AP70952-3 1mg

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Description

Product Name	Recombinant Escherichia coli Cell division protein ZipA(zipA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-328aaSequence Info:Full Length
Accession No.	P77173
Calculated MW	52.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MMQDLRLILIVGAIIALLVHGFWTSRKERSMFRDRPLKRMKSKRDDSDYDEDVEDDEGVGEVRVHRVNHA PANAQEHEAARPSPQHGYQPPYASAQPRQPVQQPPEAQVPPQHAPHPAQPVQQPAYQPQPEQLQQPV PQVAPAPQPVHSAPQAQQAQFQPAEPVAAPQPEPVAEPAPVMDKPKRKEAVIIMNVAHHGSELNGELLNSI QQAGFIFGDMNIYHRHLSPDGSGPALFSLANMVKPGTFDPEMKDFTTPGVTFIMQVPSYGDDELQNFKLMLQS AQHIADEVGGVVLDDQRRMMTPQKLREYQDIIREVKDANA
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

Interacts directly with the cell division protein FtsZ. Probable receptor for the septal ring structure, may anchor it to the inner-mbrane.

References

Direct binding of FtsZ to ZipA, an essential component of the septal ring structure that mediates cell division in E. coli.Hale C.A., de Boer P.A.J.Cell 88:175-185(1997) Research Topic:Others

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