

Recombinant Bacillus subtilis L-cystine-binding protein tcyA(tcyA)

Catalog No: #AP71048

Package Size: #AP71048-1 20ug #AP71048-2 100ug #AP71048-3 1mg

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Description

Product Name	Recombinant Bacillus subtilis L-cystine-binding protein tcyA(tcyA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-268aaSequence Info:Full Length
Accession No.	P42199
Calculated MW	43.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	CGAGNDNQSKDNAKDGLWASIKKKGVLTVGTEGTYEPFTYHDKDCLKTGYDVEVITEVAKRLGLKVDFKE TQWDSMFAGLNSKRFDVAVANQVGKTDREDKYDFSDKYTTSRAVVVTKKDNDIKSEADVKGKTSAQSLTSNY NKLATNAGAKVEGVEGMAQALQMIQQGRVDMTYNDKLAVLNYLKTSGNKNVKIAFETGEPQSTYFTFRKGSG EVVDQVKNKALKEMKEDGTLISKISKKWFGEDVSK
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

Part of the ABC transporter complex TcyABC involved in L-cystine import.

References

Three different systems participate in L-cystine uptake in Bacillus subtilis.Burguiere P., Auger S., Hullo M.-F., Danchin A., Martin-Verstraete I.J. Bacteriol. 186:4875-4884(2004)Research Topic:Others

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