

YscM Protein, Yersinia pseudotuberculosis serotype I, Recombinant (His & SUMO)

General Information

Synonyms:	yscM;Yop proteins translocation protein M;lcrQ;Low calcium response locus protein Q
Protein Construction:	1-115 aa
Species:	Yersinia pseudotuberculosis
Expression Host:	E. coli
Accession:	P69979
Molecular Weight:	28.4 kDa (predicted)
AA Sequence:	MKINTLQSLINQQITQVGHGGQAGRLTETNPLTENS HQISTA EKAFANEVLEHVKN TALSRHDIACLLPRVSNL ELKQKGAGEVIVTGLRTEQLSLSDAKLLLEAAMRQDTAADG

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Belongs to an operon involved in the translocation of Yop proteins across the bacterial membranes or in the specific control of this function.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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