

RzoR Protein, E. coli, Recombinant (Flag & His)

General Information

Synonyms:	Outer membrane lipoprotein Rz1 from lambdoid prophage Rac;o-spanin;Prophage outer membrane lipoprotein RzoR;rzoR;Spanin from lambdoid prophage Rac, outer membrane subunit
Protein Construction:	20-61 aa
Species:	E. coli
Expression Host:	E. coli
Accession:	P58042
Molecular Weight:	11.5 kDa (predicted)
AA Sequence:	CTSKQSVSQCVKPPPPAWIMQPPPDWQTPLNGIISPSGNDW

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:	> 85% 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

Component of the spanin complex that disrupts the outer membrane and causes cell lysis during virus exit. The spanin complex conducts the final step in cell lysis by disrupting the outer membrane after holin and endolysin action have permeabilized the inner membrane and degraded the host peptidoglycans.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481