

Outer membrane protein Omp38, Acinetobacter baumannii, Recombinant (His & SUMO)

General Information

Synonyms: omp38;Outer membrane protein Omp38

Protein Construction: 20-356 aa

Species: Acinetobacter baumannii

Expression Host: E. coli

Accession: A3M8K2

Molecular Weight: 52.5 kDa (predicted)

ANAGVTVTPLLLGYTFQDSQHNNGGKDGNTNGPELQDDLFVGAALGIELTPWLGFEAEYNQVKGDVDGAS
AGAAYKQKQINGNFYVTSDLITKNYDSKIKPYVLLGAGHYKYDFDGVNRGTRGTSEEGLGNAGVGAFWRLN
DALSLRTEARATYNADEEFWNYTALAGLNVVLLGGHLKPAAPVVEVAPVEPTPVTPQPQELTEDLNMELRVFF
DTNKSNIKDQYKPEIAKVAEKLSEYPNATARIEGHTDNTGPRKLNERSLARANSVKLSALVNEYNVDSRLST
QGFQAWDQPIADNKTKEGRAMNRRVFATITGSRTVVVQPGQEAAAPAAAQ

AA Sequence:

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

Porin. Induces apoptosis in human cells through caspases-dependent and AIF-dependent pathways. Purified Omp38 enters the cells and localizes to the mitochondria, which leads to a release of proapoptotic molecules such as cytochrome c and AIF (apoptosis-inducing factor).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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