

## Recombinant Acinetobacter Baumannii OMP38 Protein (20-356 aa), His-SUMO-tagged

**Cat. No.** OMP38-972A    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Acinetobacter Baumannii (strain ATCC 17978/CIP 53.77/LMG 1025/NCDC KC755/5377) OMP38 Protein (20-356 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Acinetobacter Baumannii                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 20-356 aa                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | 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).    |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 52.5 kDa                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | ANAGVTVTPLLLGYTFQDSQHNNGGKDGNLNNGPELQDDLFGAALGIELTPWLGF<br>EAEYNQVKGDVDGASAGAEYKQKQINGNFYVTSDLITKNYDSKIKPYVLLGAGHYKY<br>DFDGVNRGTRGTSEEGTLGNAGVGAFWRLNDALSLRTEARATYNADDEEFWNYTAL<br>AGLNVVLGGHLKPAAPVVEVAPVEPTPVTPQPQELTEDLNMELRVFFDTNKSNIKDQ                                     |

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YKPEIAKVAEKLSEYPNATARIEGHTDNTGPRKLNERLSLARANSVKSALVNEYNVD  
ASRLSTQGFAWDQPIADNKTKEGRAMNRRVFATITGSRTVVVQPGQEAAAPAAQ

**Purity** > 90% as determined by SDS-PAGE.

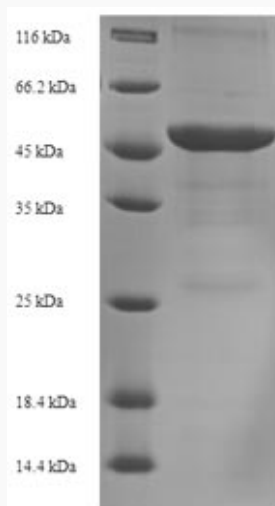
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with concentration instruction is sent along with the products.

## GENE INFORMATION

**UniProt ID** [A3M8K2](#)



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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