



Recombinant Protein Technical Manual
Recombinant Human BMF/Bcl2 modifying factor
Protein (His Tag)
RPES4500

Product Data:

Product SKU: RPES4500

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: Q96LC9

Protein Information:

Molecular Mass: 22.3 kDa

AP Molecular Mass: 25 kDa

Tag: N-His

Bio-activity:

Purity: > 85 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile 50mM Tris, 0.1% Brij35, pH 8.0

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: BMF

Immunogen Information:

Sequence: Met 1-Arg184

Background:

BMF(Bcl2 modifying factor) belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. BMF contains a single BCL2 homology domain 3 (BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. BMF is found to be sequestered to myosin V motors by its association with dynein light chain 2, which may be important for sensing intracellular damage and triggering apoptosis. Alternatively spliced transcript variants encoding different isoforms have been identified.