

Product Information

pFLAG-MAC™ Expression Vector

Catalog Number **E8033**

Storage Temperature –20 °C

Product Description

The pFLAG-MAC™ Expression Vector is a 5071 bp *E. coli* expression vector used for cloning and cytoplasmic expression of properly inserted open reading frame as an N-terminal Met-FLAG® fusion protein.

The Met-FLAG fusion protein may be detected using Monoclonal ANTI-FLAG® M2, Catalog Number F3165, or Monoclonal ANTI-FLAG M5, Catalog Number F4042, or purified using the ANTI-FLAG M2 Affinity Gel, Catalog Number A2220.

Methylation sensitivity: Cleavage with *Xba* I is sensitive to *dam* methylation. Use a *dam*-negative host strain.

The pFLAG-ATS™-BAP Control Plasmid is a 6871 bp *E. coli* plasmid used for efficient and controlled periplasmic expression of N-terminal FLAG-BAP™ fusion protein.

The FLAG-BAP fusion protein may be detected using Monoclonal ANTI-FLAG M1, Catalog Number F3040, or Monoclonal ANTI-FLAG M2, Catalog Number F3165, or purified using ANTI-FLAG M1 Agarose Affinity Gel, Catalog Number A4596, or ANTI-FLAG M2 Affinity Gel, Catalog Number A2220.

Map positions of key features in the pFLAG-MAC Expression Vector and the pFLAG-ATS-BAP Control Plasmid can be found at www.sigma.com/vectormaps.

Components

- pFLAG-MAC Expression Vector Catalog Number E5644 10 µg Supplied as 0.5 mg/ml in 10 mM Tris-HCl, pH 8.0, 1 mM EDTA
- pFLAG-ATS-BAP Control Plasmid Catalog Number C9079 1 µg Supplied as 0.05 mg/ml in 10 mM Tris-HCl, pH 8.0, 0.1 mM EDTA

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store the product at –20 °C

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