

Product Information

pFLAG-ATS™ Expression Vector

Catalog Number **E8158**

Storage Temperature –20 °C

Product Description

The pFLAG-ATS™ Expression Vector is a 5408 bp *E. coli* expression vector used for cloning and periplasmic expression of properly inserted open reading frame as an N-terminal FLAG® fusion protein.

The N-terminal FLAG 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.

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-ATS Expression Vector and the pFLAG-ATS-BAP Control Plasmid can be found at www.sigma.com/vectormaps.

Components

- pFLAG-ATS Expression Vector 10 µg
Catalog Number E5769
Supplied as 0.5 mg/ml in 10 mM Tris-HCl, pH 8.0,
1 mM EDTA
- pFLAG-ATS-BAP Control Plasmid 1 µg
Catalog Number C9079
Supplied as 0.05 mg/ml in 1 mM Tris-HCl, pH 8.0,
0.1 mM EDTA

Storage/Stability

Store the product at –20 °C.

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.

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