pEGFP-C2-RanBPM

71-001-1　　1 μg

Full-sized Human RanBPM cDNA is fused to the C-terminus of EGFP (Enhanced Green Fluorescence Protein) on pEGFP-C2 vector (Clontech). It was constructed by Prof. T. Nishimoto. After his retirement, it will be sent to academic colleagues upon request by BioAcademia. It will be charged $200 (or 20,000 yen) for amplification, maintenance and packaging.

Applications: By introducing the plasmid into mammalian cells, RanBPM is expressed as a fusion protein with FEGF. It is useful to study the localization of RanBPM in cell compartment and interactions with functionally related proteins.

Concentration of DNA: 500 ng/μl

Antibiotic selection markers: Kanamycin/Neomycin resistance for E. coli host
G418 resistance for mammalian cells

Reference: Nishitani H et al. Full-sized *RanBPM* cDNA encodes a protein possessing a long stretch of proline and glutamine within the N-terminal region, comprising a large protein complex. Gene 272: 571-579 (2001)

Conditions of the plasmid transfer

1. This plasmid should be used for research purpose only, not for commercial purpose.
2. The backbone vector pEGFP-C2 should not be recreated and reused for construction of other fusion genes.
3. This plasmid should not be transferred to other laboratories.

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