Recombinant RICE MADS55 Protein

Catalog No. P10066PA

**Protein general information**
- **Protein name**: MADS-box transcription factor 55
- **Alternative protein names**: OsMADS55
- **Gene name**: MADS55
- **Alternative gene name**: OSJNBb0024N18.23; Os06g0217300; LOC_Os06g11330
- **Accession**: Q69TG5
- **Organism**: Oryza sativa subsp. japonica (Rice)
- **Full length**: 223 amino acids

**Product information**
- **Product name**: Recombinant RICE MADS55 Protein
- **Predicted molecular mass**: 30.5 kDa
- **Expression host**: Escherichia coli
- **Purification tag**: 6xHis at N-terminus
- **Solubility**: Soluble
- **Buffer**: 0.15 M Phosphate buffered saline, pH 7.4
  - Shipped on dry ice. Avoid repeated freeze-thaw cycles.
  - Upon receipt, *2 days when stored at 2 to 8 °C after thawing
  - * Up to 12 months when aliquoted and stored at -20 to -80 °C

**Core sequence**
- **Core sequence start**: Ile11
- **Core sequence stop**: Val220
  
  ILESAARQTVFSKRLKAAEELAVLDADVALVFSTGKLSQFASSNMEEIDKYTTHSKNL
  GKTDKOPSIDLNFIIILRTYNTSYAYHILLOLLQLEHSKCSSLNEQLAESLQLRQMRGEELGSLVEEL
  QQMEKLNLEAGLQRVLCTKQQFMQEISELQRKGQLAEENMRLROQMPQVPTAGLAVPDENVLTDGQSES

  Note: The core sequence of the recombinant protein is shown above. The N and C termini have shortened by 0-10 amino acids. The exact sequence is proprietary information powered by SIEVE®.

**Product data**

**SDS-PAGE & Western Blotting of the product**

Left: The purified protein was run on 15% SDS-PAGE at reducing conditions. The gel was then stained with Coomassie brilliant blue and destained.

Right: Western Blotting using HRP conjugated 6xHis antibody (Catalog No. K00000R15D09H).