

# Human SMAD2/MADH2/MADR2 (His & Flag tag) recombinant protein



Catalog Number: 518683

## General Information

### Gene Name Synonym

Mothers against decapentaplegic homolog 2; MAD homolog 2; Mad-related protein 2; hMAD-2; SMAD family member 2; SMAD 2; Smad2; Hsmad2; SMAD2; MADH2; MADR2

### Protein Construction

A DNA sequence encoding the Human SMAD2/MADH2/MADR2 Ser2-Ser467 is expressed with a 6His, Flag tag at the N-terminus.

### Organism

Human

### Expression Host

E.coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM PB, 500mM NaCl, pH7.5.

## Usage Guide

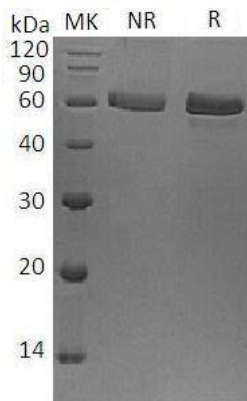
### Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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