

## PRODUCT DATASHEET

### OVERVIEW

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**PRODUCT NAME** Recombinant Human SMAD3, N-His

**PRODUCT REFERENCE** ARO-P13541

**ORIGIN SPECIES** Homo sapiens (Human)

**SOURCE**

**FRAGMENT** Asp220-Ser425

**TAG** N-His Tag

### PRODUCT INFORMATION

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**EXPRESSION SYSTEM** Prokaryotic expression

**PRODUCTION HOST** *Escherichia coli* (*E. coli*)

**MOLECULAR WEIGHT** 25.52 kDa

**FORM** Lyophilized

**BUFFER** Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.

**STABILITY & STORAGE** Store at 4°C for short term while lyophilized.  
Freeze and store at -20°C or -80°C for long term.  
Addition of 20 to 40 % glycerol may improve cryoprotection.  
Avoid freeze/thaw cycles, aliquot the product according to your needs.