

# Recombinant Human/Mouse/Rat Smad3 protein, His&GST-tagged

**Cat. No.** Smad3-0256H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human/Mouse/Rat Smad3 protein(NP_058049.3)(Met1-Ser425), fused with His and GST tag, was expressed in Insect Cells.
<b>Species</b>	Human/Mouse/Rat
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-425 a.a.
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 2mM GSH, 10% glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant human / mouse / rat SMAD3 consists of 662 amino acids and has a calculated molecular mass of 75.9 kDa.
<b>Proteinlength</b>	Met1-Ser425
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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