

## SMAD5 抗原（重组蛋白）

中文名称：SMAD5 抗原（重组蛋白）

英文名称：SMAD5 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from C terminal 300 amino acids of human SMAD5

技术规格

<b>Full name:</b>	SMAD family member 5
<b>Synonyms:</b>	DWFC; JV5-1; MADH5
<b>Swissprot:</b>	Q99717
<b>Gene Accession:</b>	BC009682
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The protein encoded by this gene is involved in the TGF-beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by BMP type 1 receptor kinase. Three transcript variants encoding the same protein have been found for this gene. Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD5 is a receptor-regulated SMAD (R-SMAD). May form trimers with the co-SMAD SMAD4. Interacts with PEBP2-alpha subunit and SMURF1. Interacts with SUV39H1 and SUV39H2. Interacts (via MH2 domain) with LEMD3. Interacts with WWP1.