

# Recombinant Human SMAD5

Catalog No: #GP10097



Package Size: #GP10097-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human SMAD5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 300 amino acids of human SMAD family member 5
Target Name	SMAD family member 5
Other Names	DWFC; JV5-1; MADH5
Accession No.	Swissprot:Q99717Gene Accession:BC009682
Uniprot	Q99717
GenelD	4090;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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