

Recombinant Human SMAD4

Catalog No: #GP10098



Package Size: #GP10098-1 100ug

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Description

Product Name	Recombinant Human SMAD4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 14-227 amino acids of human Mothers against decapentaplegic homolog 4
Target Name	SMAD family member 4
Other Names	JIP; DPC4; MADH4; MYHRS
Accession No.	Swissprot:Q13485 Gene Accession:BC002379
Uniprot	Q13485
GenID	4089;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the Smad family of signal transduction proteins. Smad proteins are phosphorylated and activated by transmembrane serine-threonine receptor kinases in response to TGF-beta signaling. The product of this gene forms homomeric complexes and heteromeric complexes with other activated Smad proteins, which then accumulate in the nucleus and regulate the transcription of target genes. This protein binds to DNA and recognizes an 8-bp palindromic sequence (GTCTAGAC) called the Smad-binding element (SBE).

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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