

## Mothers against decapentaplegic homolog 1

Catalog No: #AP78603

Package Size: #AP78603-1 50ug #AP78603-2 100ug #AP78603-3 1mg

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## Description

Product Name	Mothers against decapentaplegic homolog 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	271-465AA
Other Names	BSP1,MADH1,MADR1,JV4-1, Mad-related protein 1, SMAD family member 1, Transforming growth factor-beta-signaling protein 1, SMAD 1, BSP-1
Accession No.	Q15797 Gene name: SMAD1
Uniprot	Q15797
GeneID	4086;
Calculated MW	21.45
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression.

## References

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Note: This product is for in vitro research use only