

Recombinant Human SMAD9 Protein, His-tagged

Cat. No. SMAD9-098H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMAD9 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD9 is a receptor-regulated SMAD (R-SMAD).
Molecular Mass	~55 kDa
AA Sequence	MHSTTPISSLFSFTSPA VKRLLGWKQGDEEEKWAEKAVDSL VKKLLKKKKGAMDELE RALSCPGQPSKCVTIPRSLDGRLQVSHRKG LPHVIYCRVWRWPD LQSHHELKPLEC CEFPFGSKQKEVCINPYHYRRVETPVLPPVLVPRHSEYNPQLSLLAKFRSASLHSEP LMPHNATYPDSFQQPPCSALPPSPSHAFS QSPCTASYPHSPGSPSEPE SPYQHSV DTPPLPYHATEASETQSGQPVDATADRHV VLSIPNGDFRPVCYEEPQHWCSVAYYE LNNRVGETFQASSRSVLIDGFTDPSNNRNR FCLGLLSNVNRNSTIENTRRRHIGKGVH LYYVGGEVYAECVSDSSIFVQSRNCNYQHGFHPATVCKIPSGCSLKVFNQLFAQLL AQSVHHGFVVYELTKMCTIRMSFVKGWGAEYHRQDVTSTPCWIEIHLHGPLQWLD KVL TQMGS PHNPISSVS
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.

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Storage Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

Storage Buffer PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name [SMAD9 SMAD family member 9 \[Homo sapiens \(human\) \]](#)

Official Symbol [SMAD9](#)

Synonyms SMAD9; SMAD family member 9; MAD, mothers against decapentaplegic homolog 9 (Drosophila) , MADH6, MADH9, SMAD, mothers against DPP homolog 9 (Drosophila); mothers against decapentaplegic homolog 9; MAD homolog 9; SMAD, mothers against DPP homolog 9; Mothers against decapentaplegic, drosophila, homolog of, 9; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B;

Gene ID [4093](#)

mRNA Refseq [NM_001127217](#)

Protein Refseq [NP_001120689](#)

MIM [603295](#)

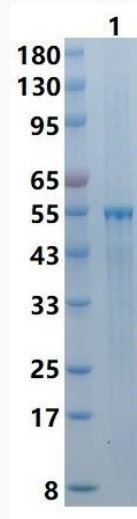
UniProt ID [O15198](#)

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SDS-PAGE



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