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Zuschläge

- Mindermengenzuschlag
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Datasheet

SMAD9 (Human) Recombinant Protein (P01)

Catalog Number: H00004093-P01

Regulation Status: For research use only (RUO)

Product Description: Human SMAD9 full-length ORF (AAH11559.1, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MHSTTPISSLFSFTSPA VKRLLGWKQGDEEEKWAEKA
VDSL VKKKKKGGAMDELERALSCPGQPSKCVTIPRSL
DGR LQVSHCKGLPHVIYCRVWRWPD LQSHHELKPLE
CCEFPFGSKQKEVCINPYHYRRVETPVLPPVLVPRHS
EYNQLSLLAKFRSASLHSEPLMPHNATYPDSFQQPP
CSALPPSPSHAFSQSPCTASYPHSPGSPSEPEPYQH
SDFRPVCYEEPQHWCSVAYYELNNRVGETFQASSRS
VLIDGFTDPSNNRNRFLGLLSNVNRNSTIENTRRHIG
KGVHLYYVGGEVYAECVSDSSIFVQSRNCNYQHGFH
PATVCKIPSGCSLKVFNQLFAQLLAQSVHHGFVVYE
LTKMCTIRMSFVKGWGA EYHRQDVTSTPCWIEIHLHG
PLQWLDKVL TQMGS PHNPISSVS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 73.04

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4093

Gene Symbol: SMAD9

Gene Alias: MADH6, MADH9, SMAD8A, SMAD8B

Gene Summary: SMAD family members, such as SMAD9, transduce signals from members of the TGF-beta (see TGFB1; MIM 190180) superfamily, which regulate growth, differentiation, apoptosis, and development (Nishita et al., 1999 [PubMed 10583507]).[supplied by OMIM]

References:

1. A novel whole-cell lysate kinase assay identifies substrates of the p38 MAPK in differentiating myoblasts. Knight JD, Tian R, Lee RE, Wang F, Beauvais A, Zou H, Megeney LA, Gingras AC, Pawson T, Figeys D, Kothary R. Skelet Muscle. 2012 Mar 6;2:5.