Datasheet for ABIN1320605

SMAD4 Protein (AA 1-552) (GST tag)

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Overview

Quantity:	10 µg
Target:	SMAD4
Protein Characteristics:	AA 1-552
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAD4 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	SMAD4 (Human) Recombinant Protein (P01)
Sequence:	MDNMSITNTP TSNDACLSIV HSLMCHRQGG ESETFAKRAI ESLVKKLKEK KDELDSLITA ITTSGAHPSK CVTIQRTLDG RLQVAGRKGF PHVIYARLWR WPDLHKNELK HVKYCQYAFD LKCDSVCVNP YHYERVVSPG IDLSGLTLQS NAPSSMMVKD EYVHDFEGQP SLSTEGHSIQ TIQHPPSNRA STETYSTPAL LAPSESNATS TANFPNIPVA STSQPASILG GSHSEGLLQI ASGPQPGQQQ NGFTGQPATY HHNSTTTWTG SRTAPYTPNL PHHQNGHLQH HPPMPPHPGH YWPVHNELAF QPPISNHPAP EYWCSIAYFE MDVQVGETFK VPSSCPIVTV DGYVDPSGGD RFCLGQLSNV HRTEAIERAR LHIGKGVQLE CKGEGDVWVR CLSDHAVFVQ SYYLDREAGR APGDAVHKIY PSAYIKVFDL RQCHRQMQQQ AATAQAAAAA QAAAVAGNIP GPGSVGGIAP AISLSAAAGI GVDDLRRLCI LRMSFVKGWG PDYPRQSIKE TPCWIEIHLH RALQLLDEVL HTMPIADPQP LD
Characteristics:	Human SMAD4 full-length ORF (AAH02379, 1 a.a. - 552 a.a.) recombinant protein with GST-tag

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Product Details

	at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	SMAD4
Alternative Name:	SMAD4 (SMAD4 Products)
Background:	Full Gene Name: SMAD family member 4 Synonyms: DPC4,JIP,MADH4
Gene ID:	4089
Pathways:	Cell Division Cycle, Chromatin Binding, Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Iempridee, Das, Xu, Mertz: "Transforming growth factor beta-induced reactivation of Epstein-Barr virus involves multiple Smad-binding elements cooperatively activating expression of the latent-lytic switch BZLF1 gene." in: **Journal of virology**, Vol. 85, Issue 15, pp. 7836-48, (2011) (PubMed).

Image 1.

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