
Product Datasheet

Human SMAD1 protein (orb392497)

Description

Recombinant human SMAD1 protein is

and the target gene enc...

Reactivity

Human

Endotoxins

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Tested Applications

ELISA, MS, SDS-PAGE, WB

Target

SMAD1

Preservatives

Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Form/Appearance

Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Storage

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Note

For research use only

Application notes

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Protein Sequence

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE
 HLYERDEGDK WRNKKFELGL EFPNLPYYID
 GDVKLTQ SMA IIRYADKHN MLGGCPKERA
 EISMLEGAVL DIRYGVSRIA YSKDFETLKV
 DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
 PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
 KRIEAIQID KYLKSSKYIA WPLQGQWQATF
 GGGDHPPKSD LVPRGSHMNV TSLFSFTSPA
 VKRLLGWKQG DEEEKWAEKA VDALVKLKK
 KKGAMEELEK ALSCPGQPSN CVTIPRSLDG
 RLQVSHRGL PHVIYCRVWR WPDLQSHHEL
 KPLECCEFPF GSKQKEVCIN PYHYKRVESE
 VLPPVLVPRH SEYNPQHSL AQRNLGQNE
 PHMPLNATFP DSFQQNSHP FPHSPNSSYP
 NSPGSSSSTY PHSPTSSDPG SPFQMPADTP
 PPAYLPPEDP MTQDGSQPM TMMAPPLPS
 EINRGDVQAV AYEEPKHWC IVYYELNRRV
 GFAFHASSTS VI VDGFTDPS NKNRFECLGI

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Purity

Greater than 95% as determined by reducing