

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 KGLVQPTRL LLEYLEEKYEE
HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYADKHN MLGGCPKERA
EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQGWWQATF
GGGDHPPKSD LVPRGSHMN VTSLSFTSPA
VKRLLGWKQG DEEEKWAEKA VDVLVKKLKK
KKGAMEELEK ALSCPGQPSN CVTIPRSLDG
RLQVSHRKL PHVIYCRVWR WPDLSHHEL
KPLECCEFPF GSKQKEVCIN PYHYKRVES
VLPPVLVPRH SEYNPQHSL AQFRNLGQNE
PHMPLNATFP DSFQQPN SHPFPHSPNSSYP
NSPGSSSSTY PHSPTSSDPG SPFQMPADTP
PPAYLPPEDP MTQDGSQPM TMMAPPLPS
EINRGDVQAV AYECPKHWC IVYYELNNRV
GEAFHASSTS VI VDGFTDPS NKNRFECLGI

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Purity

Greater than 95% as determined by reducing