

Datasheet for ABIN7314542

SMAD3 Protein (AA 2-425) (DYKDDDDK Tag,His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SMAD3
Protein Characteristics:	AA 2-425
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAD3 protein is labelled with DYKDDDDK Tag,His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human SMAD3 Protein is produced by E.coli expression system and the target gene encoding Ser2-Ser425 is expressed with a 6His, Flag tag at the N-terminus.
Sequence:	MRGSHHHHHH GSDYKDDDDK SSILPFTPI VKRLLGWKKG EQNGQEEKWC EKAVKSLVKK LKKTGQLDEL EKAITTQNVN TKCITIPRSL DGRLQVSHRK GLPHVIYCR L WRWPD LHSHH ELRAMELCEF AFNMKKDEV C VNPYHYQRVE TPVLPVLPV RHEIPAEFF PLDDYSHSIP ENTNFPAGIE PQSNIPETPP PGYLS EGET SDHQMNHSM D AGSPNLSPNP MSPAHNNLDL QPVTYCEPAF WCSISYYELN QRVGETFHAS QPSMTVDGFT DPSNSERFCL GLLSNVNRNA AVELTRRHIG RGVRLYYIGG EVFAECLSDS AIFVQSPNCN QRYGWHPATV CKIPPGCNLK IFNNQEFAAL LAQSVNQGF E AVYQLTRMCT IRMSFVKGWG AEYRRQTVTS TPCWIELHLN GPLQWLDKVL TQMGSPSIRC SSVS
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	SMAD3
Alternative Name:	SMAD3 (SMAD3 Products)
Gene ID:	4088
UniProt:	P84022
Pathways:	Cell Division Cycle , Chromatin Binding , Cell-Cell Junction Organization , Positive Regulation of Endopeptidase Activity , Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 500 mM NaCl, pH 7.5.
Handling Advice:	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 ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.