

Human SMAD3

Synonyms: MADH3, JV15-2, HSPC193, HsT17436, MGC60396, DKFZp586N0721, DKFZp686J10186, SMAD3, Mothers against decapentaplegic homolog 3, Mothers against DPP homolog 3, MAD homolog 3, Mad3, hMAD-3, SMAD family member 3, SMAD 3, hSMAD3.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	4047.950.005		
25 µg	4047.950.025		
1 mg	4047.950.199		

Please enquire for bulk quantities and other vial sizes

Description

SMAD3 Human Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 445 amino acids (1-425) and having a molecular mass of 50.2 kDa. SMAD3 is fused to a 20 amino acid His-Tag at N-Terminus.

- **Source** *E. Coli*
- **Purity** ≥ 90 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The SMAD3 protein solution contains 20mM Tris-HCl pH-8, 0.1M NaCl, 0.1mM DTT and 20% glycerol*
- **Physical state** Sterile filtered colorless solution

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MGSSHHHHHH SGLVPRGSH MSSILPFTTP IVKRLLGWKK GEQNGQEEKW CEKAVKSLVK KLKKTGQLDE
 LEKAITTQNV NTKCITIPRS LDGRLQVSHR KGLPHVIYCR LWRWPDLSH HELRAMELCE FAFNMKKDEV
 CVNPYHYQRV ETPVLPPVLV PRHTEIPAEF PPLDDYSHSI PENTNFPAGI EPQSNIPETP PPGYLSEDGE
 TSDHQMNHSM DAGSPNLSPN PMSPAHNNLD LQPVTYCEPA FWCSISYYEL NQRVGETFHA SQPSMTVDGF
 TDPSNSERFC LGLLSNVNRN AAVELTRRHI GRGVRLYYIG GEVFAECLSD SAIFVQSPNC NQRYGHPAT
 VCKIPPGCNL KIFNNQEFAA LLAQSVNQG F EAVYQLTRMC TIRMSFVKGW GAEYRRQTVT STPCWIELHL
 NGPLQWLDKV LTQMGSPSIR CSSVS

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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