



# Recombinant Chicken Mothers against decapentaplegic homolog 3 (SMAD3)

<b>Product Code</b>	CSB-BP021788CH
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P84023
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSSILPFTPP IVKRLLGWKK GEQNGQEEKW CEKAVKSLVK KLKKTGQLDE LEKAITTQNI NTKCITIPRS LDGRLQVSHR KGLPHVIYCR LWRWPDHSH HELRAMEMCE YAFNMKKDEV CVNPHYQQRV ETPVLPPVLV PRHTEIPAEF PPLDDYSHSI PENTNFPAGI EPQSNYIPET PPPGYLSEDG ETSDHQMNPS MDAGSPNLSP NPMSPAHNNL DLQPVTYCEP AFWCISISYIE LNQRVGETFH ASQPSMTVDG FTDPSNSERF CLGLLSNVNR NAAVELTRRH IGRGVRLYYI GGEVFAECLS DSAIFVQSPN CNQRYGWHPA TVCKIPPGCN LKIFNNQEFA ALLAQSVNQG FEAVYQLTRM CTIRMSFVKG WGAEYRRQTV TSTPCWIELH LNGPLQWLDK VLTQMGSPSI RCSSVS
<b>Source</b>	Baculovirus
<b>Target Names</b>	SMAD3
<b>Protein Names</b>	Recommended name: Mothers against decapentaplegic homolog 3 Short name= MAD homolog 3 Short name= Mad3 Short name= Mothers against DPP homolog 3 Alternative name(s): SMAD family member 3 Short name= SMAD 3 Short nam
<b>Expression Region</b>	1-426
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene mothers against decapentaplegic (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.