



# Recombinant Human Mothers against decapentaplegic homolog 9 (SMAD9)

<b>Product Code</b>	CSB-MP021794HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O15198
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MHSTTPISSL FSFTSPAVKR LLGWKQGDEE EKWAEKAVDS LVKCLKKKKG AMDELERALS CPGQPSKCVT IPRSLDGRLQ VSHRKGPLHV IYCRVWRWPD LQSHHEKPL ECCEFPFGSK QKEVCINPYH YRRVETPVLV PVLVPRHSEY NPQLSLLAKF RSASLHSEPL MPH NATYPDS FQPPCSALP PSPSHAFSQS PCTASYPHSP GSPSEPEPY QHSVDTPLP YHATEASETQ SGQPVDATAD RHVVL SIPNG DFRPVCYEEP QHWCSVAYYE LNNRVGETFQ ASSRSVLIDG FTDPSNNRNR FCLGLLSNVN RNSTIENTRR HIGKGVHLYY VGGEVYAECV SDSSIFVQSR NCNYQHGFHP ATVCKIPSGC SLKVFNNQLF AQLLAQSVHH GFEVYELTK MCTIRMSFVK GWGAEYHRQD VTSTPCWIEI HLHGPLQWLD KVL TQM GSPH NPIS SVS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SMAD9
<b>Protein Names</b>	Recommended name: Mothers against decapentaplegic homolog 9 Short name= MAD homolog 9 Short name= Mothers against DPP homolog 9 Alternative name(s): Madh6 SMAD family member 9 Short name= SMAD 9 Short name= Smad9
<b>Expression Region</b>	1-467
<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>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.
<b>Shelf Life</b>	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.