



Recombinant Rat Mothers against decapentaplegic homolog 7 (Smad7)

Product Code	CSB-MP021793RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O88406
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>MFRTKRSALV RRLWRSRAPG GEDEEEGVGG GGGGGGLRGE GATDGRAYGA GGGGAGRAGC CLGKAVRGAK GHHHPHPSS GAGAAGGAEA DLKALTHSVL KKLKERQLEL LLQAVESRGG TRTACLLLPG RLDCRLGPGA PASAQPAQPP SSYSPLLLC KVFRWPDLRH SSEVKRLCCC ESYGKINPEL VCCNPHLSR LCELESPPPP YSRYPMDFLK PTADCPDAVP SSDETGGTNY LAPGGLSDSQ LLEPGDRSH WCVVAYWEEK TRVGRLYCVQ EPSLDIFYDL PQGNGFCLGQ LNSDNKSQLV QKVRKIGCG IQLTREVDGV WVYNRSSYPI FIKSATLDNP DSRTLLVHKV FPGFSIKAFD YEKAYSLQRP NDHEFMQQPW TGFTVQISFV KGWGQCYTRQ FISSCPCWLE VIFNSR</p>
Source	Mammalian cell
Target Names	Smad7
Protein Names	<p>Recommended name: Mothers against decapentaplegic homolog 7 Short name= MAD homolog 7 Short name= Mothers against DPP homolog 7 Alternative name(s): SMAD family member 7 Short name= SMAD 7 Short name= Smad7</p>
Expression Region	1-426
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	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	<p>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.</p>