



Recombinant Danio rerio Mothers against decapentaplegic homolog 5 (smad5)

Product Code	CSB-EP894791DIL-B
Abbreviation	smad5
Storage	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.
Uniprot No.	Q9W7E7
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	≥85% (SDS-PAGE)
Sequence	MTSMSSLFSF TSPAVKRLLG WKQGDEEEKW AEKAVDALVK KLKKGKGAME DLEKALSSPG QPSKCVTIPR SLDGRLQVSH RKGLPHVIYC RVWRWPDLQS HHELKPLEVC EYFPGSKQKE VCINPYHYKR VESVLPVPL VPRHSEFNPQ HLLLVQFRNL SHNEPHMPLN ATFPESFQQH SGGSSFPISP NSPYPPSPAS SGTYPNSPAS SGPSSPFQLP ADTPPPAYMP PDEQMGQDGS QSMETGSSLA PQNMPRGDVQ PVEYQEP SHW CSIVYYELNN RVGEAYHASS TSVLVDGFTD PSNNKNRFCL GLLSNVNRNS TIENTRRHIG KGVHLYYVGG EVYAECLSDT SIFVQSRNCN YHHGFHPTTV CKIPSGCSLK IFNNQEFAQL LAQSVNHGFE AVYELTKMCT IRMSFVKGWG AEYHRQDVTS TPCWIEVHLH GPLQWLDKVL TQMG SPLNPI SSVS
Source	E.coli
Target Names	smad5
Protein Names	Recommended name: Mothers against decapentaplegic homolog 5 Short name= MAD homolog 5 Short name= Mothers against DPP homolog 5 Alternative name(s): Protein somitabun SMAD family member 5 Short name= SMAD 5 Short name=
Expression Region	1-464
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

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.