# Recombinant Bone Morphogenetic Protein 8B (BMP8B) Instruction Manual

## SIPC068Mu01

## Mus musculus (Mouse)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass46.7kDa

**Accurate Molecular Mass** 47kDa(Analysis of differences refer to the manual)

**Residues & Tags** Gly20~His399 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 90% Isoelectric Point 7.4

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

## **SEQUENCE**

	G	<b>GHLSHPPHVF</b>	PQRRLGVREP	RDMQREIREV
LGLPGRPRSR	APVGAAQQPA	SAPLFMLDLY	RAMTDDSGGG	TPQPHLDRAD
LIMSFVNIVE	RDRTLGYQEP	HWKEFHFDLT	QIPAGEAVTA	AEFRIYKEPS
THPLNTTLHI	<b>SMFEVVQEHS</b>	NRESDLFFLD	LQTLRSGDEG	WLVLDITAAS
DRWLLNHHKD	LGLRLYVETE	DGHSIDPGLA	GLLGRQAPRS	RQPFMVGFFR
ANQSPVRAPR	TARPLKKKQL	NQINQLPHSN	KHLGILDDGH	GSHGREVCRR
HELYVSFRDL	<b>GWLDSVIAPQ</b>	GYSAYYCAGE	CIYPLNSCMN	STNHATMQAL
VHLMKPDIIP	KVCCVPTELS	AISLLYYDRN	NNVILRRERN	MVVQACGCH

#### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

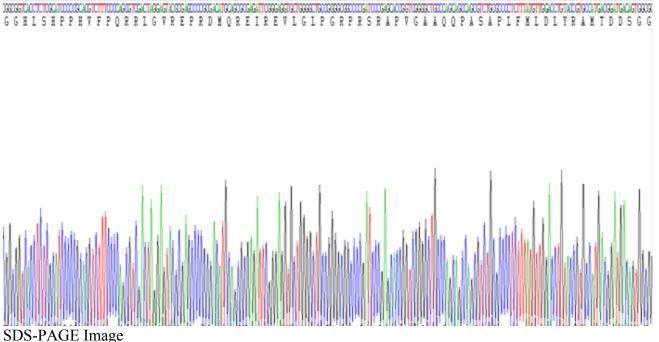
## **STORAGE**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

#### **STABILITY**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## **Image**



## [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.