

RPC105Mu01 100µg Recombinant Bone Morphogenetic Protein 8B (BMP8B) Organism Species: *Mus musculus (Mouse) Instruction manual*

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

Coud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression Host: E.coli Residues: Gly20~His399 **Tags:** N-terminal His Tag Subcellular Location: Secreted **Purity:** > 90% Traits: Freeze-dried powder Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Original Concentration: 200µg/mL Applications: Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.) Predicted isoelectric point: 7.4 Predicted Molecular Mass: 46.7kDa Accurate Molecular Mass: 47kDa as determined by SDS-PAGE reducing conditions. [USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

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[SEQUENCE]

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

[IDENTIFICATION]

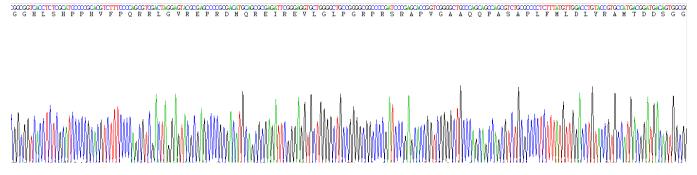
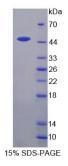


Figure. Gene Sequencing (Extract)



[<u>IMPORTANT NOTE</u>]

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.