

Recombinant Bone Morphogenetic Protein 8B (BMP8B) Instruction Manual

SIPC068Mu01

Mus musculus (Mouse)

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|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Secreted |
| Predicted Molecular Mass | 46.7kDa |
| 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

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          G  GHLSHPPHVF  PQRRLGVREP  RDMQREIREV
LGLPGRPRSR  APVGAAQQPA  SAPLFMLDLY  RAMTDDSGGG  TPQPHLDRAD
LIMSFVNIVE  RDRTLGYQEP  HWKEFHFDLT  QIPAGEAVTA  AEFRIYKEPS
THPLNTTLHI  SMFEVVQEHS  NRESDLFFLD  LQTLRSGDEG  WLVLDTAAS
DRWLLNHHKD  LGLRLYVETE  DGHSIDPGLA  GLLGRQAPRS  RQPFMVGFFR
ANQSPVRAPR  TARPLKKKQL  NQINQLPHSN  KHLGILDDGH  GSHGREVCRR
HELIVSFRDL  GWLDSVIAPQ  GYSAYYCAGE  CIYPLNSCMN  STNHATMQAL
VHLMKPDIIIP  KVCCVPTELS  AISLLYYDRN  NNVILRRERN  MVVQACGCH
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USAGE

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

