

Human/Mouse/Rat mature BMP-2 protein (Recombinant) (N-His) (STJP003025)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

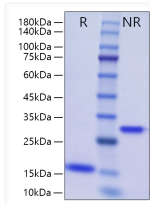
Formulation	Lyophilised from a 0.22 Mu m filtered solution of 0.1% TFA, 30% ACN.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

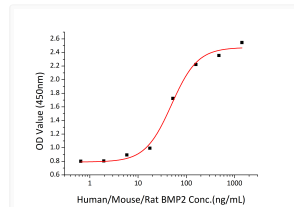
Gene ID	650
Gene Symbol	BMP2
UniProt ID	BMP2_HUMAN
Immunogen Region	Ala284-Arg396
Immunogen Sequence	LKTLHLGSCVITANLQAIQK EFSEIRDSVQAEDTNIDIRI LRTTESLKDIKSLDRCCFLR HLVRFYLDRVFKVYQTPDHH TLRKISSLANSLIHKDLS VCHSHMACHGEEAMEKYNQ ILSHFIELELQAAVVKALGE LGILLRWMEEML

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Recombinant Human/Mouse/Rat mature BMP-2 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



Recombinant Human/Mouse/Rat mature BMP-2 Protein induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED_{50} for this effect is 24. 59-98. 36 ng/mL, corresponding to a specific activity of $1.02\text{Å}-10^4-4.07\text{Å}-10^4$ units/mg.