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Human Bone Morphogenetic Protein 5 (BMP-5) Recombinant

Code	00013-01-100
Name	Mature human BMP-5
Lot No.	20113314
Size	100 µg
Sequence	A317-H454
Source	E. Coli
Tag	6x His Tag on N-terminal
Purity	>95% in SDS gel
Formulation	PBS lyophilized form
Carry	Free
Storage	-20°C
Protein ID	NP_066551.1
Gene ID	NM_021073.3
MW	11.9 KD

Description

A DNA sequence encoding the mature human BMP-5 (Ala³¹⁷-His⁴⁵⁴) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg human BMP-5 in 200 µl of PBS (130mM NaCl, 7mM Na₂HPO₄, 3mM NaH₂PO₄, pH 7.4). Carry free.

Reconstitution & Storage

Add 100 µl of 10 mM HCl to the vial to prepare a working stock solution at 100 µg/ 100 µl. Allow to set at least 30 minutes at 4°C, mix well.

Store lyophilized protein at -20°C or -70°C. Lyophilized protein is stable for up to 6 months from date of receipt at -20°C to -70°C. Upon reconstitution, this protein can be stored at -20°C for a few weeks or at -70°C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Mature human BMP-5 (Ala³¹⁷-His⁴⁵⁴)

317 AANK

RKNQNRNKSS SHQDSSRMSS VGDYNTSEQK QACKKHELYV
SFRDLGWQDW IIAPEGYAAF YCDGECFPL NAHMNATNHA
IVQTLVHLMF PDHVPKPCA PTKLNAISVL YFDDSSNVIL
KKYRNMVVRS CGCH 454

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