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## Product Datasheet

### Human BMP2 protein (Active) BYT-ORB359186

Article Name	Human BMP2 protein (Active)
Biozol Catalog Number	BYT-ORB359186
Supplier Catalog Number	orb359186
Alternative Catalog Number	BYT-ORB359186-10,BYT-ORB359186-100,BYT-ORB359186-500
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human BMP2 protein (Active) spans the amino acid sequence from region 283-396aa. Purity: > 95% as determined by SDS-PAGE and HPLC....
Molecular Weight	13 kDa
UniProt	<a href="#">P12643</a>
Buffer	Lyophilized from a 0.2 µm filtered 10 mM Sodium citrate, pH 3.5
Source	Homo sapiens (Human)
Purity	> 95% as determined by SDS-PAGE and HPLC.
Form	Lyophilized powder
Sequence	M+QAKHKQRKRLKSSCKRHPLYVDFSDVGWNDWIVAPPGYHAFYCHGECPF PLADHLNSTNHAIVQTLVNSVNSKIPKACCVPTLSAISMLYLDENEKVVLKNY QDMVVEGCGCR

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 200 ng/ml, corresponding to a specific activity of  $> 5.0 \times 10^3$  IU/mg. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference