

## Recombinant human BMP-7 protein (Qk028)



**Type:** Coming soon

**Available for purchase:** unit size (µg): 25, 50, 100, 500, 1000

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### Product Information

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Bone morphogenetic protein 7 (BMP-7) is a member of the [transforming growth factor-beta \(TGF-β\) superfamily](#), a group of proteins that play key roles in regulating cell growth, survival and differentiation. BMP-7 plays a key role in the transformation of mesenchymal cells into bone and cartilage.

**Qkine animal origin-free recombinant BMP-7 protein will be available soon - email [support@qkine.com](mailto:support@qkine.com) for updates.**

#### Alternative protein names

BMP7, Bone Morphogenetic Protein 7, OP-1, Osteogenic Protein 1, Eptotermin Alfa, OP1, Qk28

#### Species reactivity

- human

#### Product Information

- >98%, by SDS-PAGE quantitative densitometry
- Animal origin-free (AOF) and carrier protein-free
- Expressed in *E. coli*
- Manufactured in our Cambridge, UK laboratories

**Featured applications**

- Directed chondrogenic differentiation of mesenchymal stem cells
- Directed osteogenic differentiation of mesenchymal stem cells

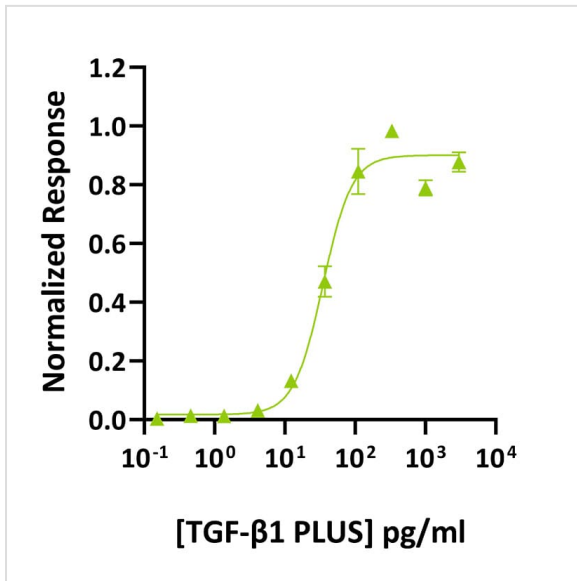
**Further quality assays**

- Mass spectrometry: single species with expected mass
- Recovery from stock vial: >95%
- Endotoxin: <0.05 EU/μg protein

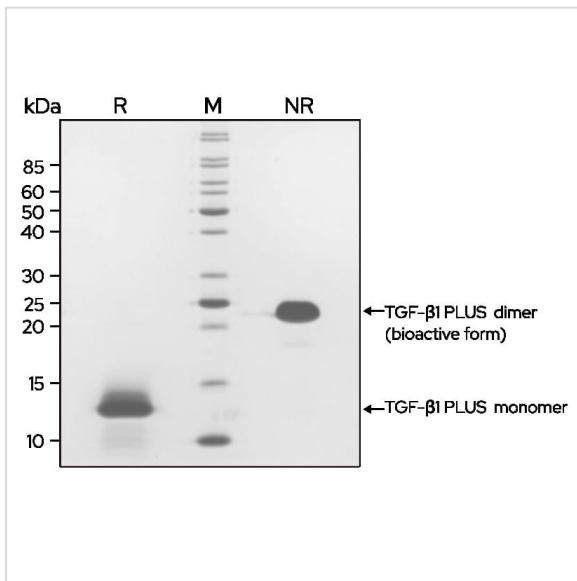
## Scientific Information

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### Bioactivity



### Purity



Original product page: <https://qkine.com/product/recombinant-human-bmp-7-protein-qk028/>

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