

重组人骨形态发生蛋白11(BMP-11)

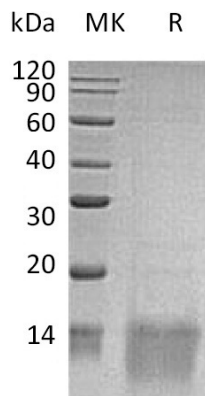
Bone Morphogenetic Protein 11(BMP-11),Human,Recombinant

Cat. No.: MA1427-1 Size: 10μg

Source:	Human Cells
Description:	Recombinant Human/Mouse/Rat Growth Differentiation Factor 11 is produced by our Mammalian expression system and the target gene encoding Asn299-Ser407 is expressed.
Accession:	O95390
Known As:	Growth/differentiation factor 11; GDF-11; Bone morphogenetic protein 11; BMP-11
Predicted Mol Mass:	12.5 KDa
Apparent Mol Mass:	13-20 KDa, reducing conditions
Endotoxin:	< 1 EU/μg as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 50% glycerol, pH 7.4.
Shipping:	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage:	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Background:	Growth/differentiation factor 11(GDF-11) is a secreted protein, which belongs to the transforming growth factor beta superfamily. GDF-11 controls anterior-posterior patterning by regulating the expression of Hox genes. The secreted signal acts globally to specify positional identity along the anterior/posterior axis during development. GDF11 has been shown to suppress neurogenesis through a pathway similar to that of myostatin, including stopping the progenitor cell-cycle during G-phase. The similarities between GDF11 and myostatin imply a likelihood that the same regulatory mechanisms are used to control tissue size during both muscular and neural development.



Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

