

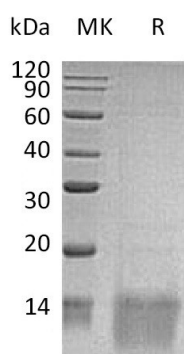
Product Name: Recombinant Human GDF-11
Catalog #: PHH0721



Summary

Name	GDF-11/BMP-11
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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
Host	Human Cells
Species	Human
Predicted Molecular Mass	12.5 KDa
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.
Stability&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.
Reconstitution	0.00.0

SDS-PAGE image



Background

Alternative Names	Growth/differentiation factor 11; GDF-11; Bone morphogenetic protein 11; BMP-11
Background	Growth/differentiation factor 11(GDF-11) is a secreted protein, which belongs to

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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.

Note

For Research Use Only , Not for Diagnostic Use.