

Recombinant Human Growth/differentiation factor 11(GDF11)



Catalog No: #AP73793

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Package Size: #AP73793-1 10ug #AP73793-2 50ug #AP73793-3 100ug #AP73793-4 200ug #AP73793-5 500ug #AP73793-6 1mg

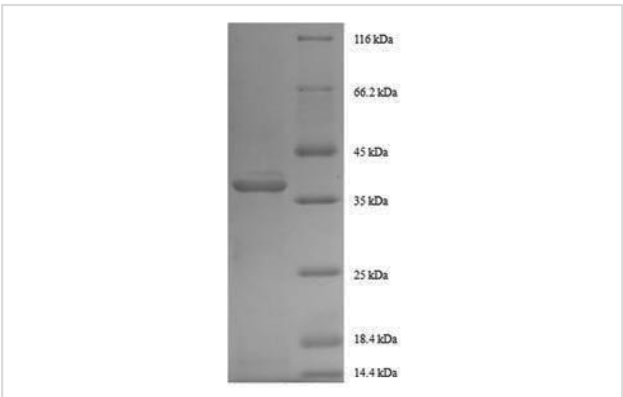
Description

Product Name	Recombinant Human Growth/differentiation factor 11(GDF11)
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	GDF11
Other Names	Bone morphogenetic protein 11 Short name: BMP-11
Accession No.	Uniprot ID: O95390
Target Species	Hu
SDS-PAGE MW	28.45kDa
Target Length	Full Length,299-407aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	NLGLDCDEHSSSRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGQCEYMFQMYPHTHLVQQANPRGSAG PCCTPTKMSPINMLYFNDKQKIYGKIPGMVVDRCGCS
Formulation	Tris-based buffer,50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

Secreted signal that acts globally to specify positional identity along the anterior/posterior axis during development. Play critical roles in patterning both mesodermal and neural tissues and in establishing the skeletal pattern.

References

"A novel BMP expressed in developing mouse limb, spinal cord, and tail bud is a potent mesoderm inducer in *Xenopus* embryos."Gamer L.W., Wolfman N.M., Celeste A.J., Hattersley G., Hewick R., Rosen V.Dev. Biol. 208:222-232(1999)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.