

Recombinant Human GDF9 protein, His-tagged

Cat. No. GDF9-4712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDF9 protein(O60383)(25-454 aa), fused with C-terminal His tag, was expressed in Mammalian Cells.
Species	Human
Source	Mammalian Cells
ProteinLength	25-454 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	50.0 kDa
AASequence	SQASGGEAQIAASAELESGAMPWSLLQHIDERDRAGLLPALFKVLSVGRGGSPRLQ PDSRALHYMKKLYKTYATKEGIPKSNRSHLYNTVRLFTPCTRHKQAPGDQVTGILPS VELLFNLDRIITVEHLLKSVLLYNINNSVSFSSAVKVCNLMIKEPKSSSRTLGRAPYS FTFNSQFEFGKKHKWIIQIDVTSLLQPLVASNKRSIHMSINFCTMKDQLEHPSAQNGL FNMTLVSPSLILYLNDTSAQAYHSWYSLHYKRRPSQGPDQERSLSAYPVGEEAAED GRSSHHRHRRGQETVSSELKKPLGPASFNLSEYFRQFLLPQNECELHDFRLSFSQL KWDNWIVAPHRYNPRYCKGDCPRAVGHRYGSPVHTMVQNIIEKLDSSVPRPSCV PAKYSPLSVLTIEPDGSIAYKEYEDMIATKCTCR

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Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

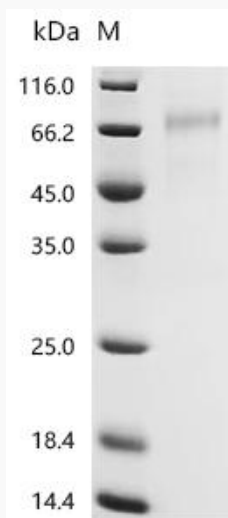
GENE INFORMATION

Gene Name	GDF9 growth differentiation factor 9 [Homo sapiens]
Official Symbol	GDF9
Synonyms	GDF9; growth differentiation factor 9; growth/differentiation factor 9; GDF-9;
Gene ID	2661
mRNA Refseq	NM_005260
Protein Refseq	NP_005251
MIM	601918
UniProt ID	O60383

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SDS-PAGE

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