

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

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SQASGGEAQIAASAELESGAMPWSLLQHIDERDRAGLLPALFKVLSVGRGGSPRLQ
PDSRALHYMKKLYKTYATKEGIPKSNRSHLYNTVRLFTPCTRHKQAPGDQVTGILPS
VELLNLDRITTVHLLKSVLLYNINNSVSFSSAVKVCNLMIKEPKSSSRTLGRAPYS
FTFNSQFEFGKKHKWIIQIDVTSLQPLVASNKRSIHMSINFTECMKDQLEHPSAQNGL
FNMTLVSPSLILYLNDTSAQAYHSWYSLHYKRRPSQGPQDQERSLSAYPVGEEAAED
GRSSHRRHRRGQETVSSELKKPLGPASFNLSEYFRQFLLPQNECELHDFRLSFSQL
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

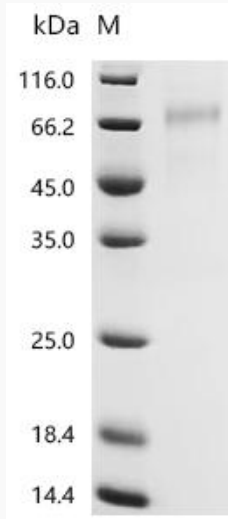
Gene Name	GDF9 growth differentiation factor 9 [Homo sapiens]
Official Symbol	GDF9
Synonyms	GDF9; growth differentiation factor 9; growth/differentiation factor 9; GDF-9;
Gene ID	2661
mRNA Refseq	NM_005260
Protein Refseq	NP_005251
MIM	601918
UniProt ID	O60383

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SDS-PAGE



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