

Recombinant Human GDF9 protein, GST-tagged

Cat. No. GDF9-2953H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDF9 protein(O60383)(320-454aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	320-454aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.5 kDa
AA Sequence	GQETVSSELKKPLGPASFNLSEYFRQFLLPQNECELHDFRLSFSQLKWDNWIVAPH RYNPRYCKGDCPRAVGHRYGSPVHTMVQNIIYEKLDSSVPRPSCVPAKYSPLSVLTI EPDGSIAKEYEDMIATKCTCR
Purity	Greater than 90% 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

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