

Recombinant Human GDF11 protein, His-SUMO-tagged

Cat. No. GDF11-2952H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDF11 protein(O95390)(299-407aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	299-407aa
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	28.5 kDa
AA Sequence	NLGLDCDEHSSSRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGQCEYMFQMKY PHTHLVQQANPRGSAGPCCTPTKMSPINMLYFNDKQQIIYGKIPGMVVDRCGCS
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.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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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 GDF11 growth differentiation factor 11 [Homo sapiens]

Official Symbol GDF11

Synonyms GDF11; growth differentiation factor 11; growth/differentiation factor 11; BMP 11; GDF-11; bone morphogenetic protein 11; BMP11; BMP-11;

Gene ID 10220

mRNA Refseq NM_005811

Protein Refseq NP_005802

MIM 603936

UniProt ID O95390

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