

## Recombinant Human GDF11 protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GDF11 protein(O95390)(299-407aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	299-407aa
<b>Form</b>	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.
<b>Molecular Mass</b>	28.5 kDa
<b>AA Sequence</b>	NLGLDCDEHSSERCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGQCEYMFQMKY PHTHLVQQANPRGSAGPCCTPTKMSPINMLYFNDKQQIIYGKIPGMVVDRCGCS
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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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