

## Recombinant Human OGN protein, His-tagged

Cat. No. OGN-3304H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OGN protein(P20774)(21-298aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-298aa
<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>	35.7 kDa
<b>AA Sequence</b>	PPTQQDSRIIYDYGTDNFEEISIFSQDYEDKYLDGKNIKEKETVIIPNEKSLQLQKDEAIT PLPPKKENDEMPTCLLCVCLSGSVYCEEVDIDAVPPLPKESAYLYARFNKIKKLTAKD FADIPNLRRLDFTGNLIEDIEDGTFSKLSLLEELSLAENQLLKLPLPPKLTFLNAKYNK IKSRGIKANAFKKLNNLTFLYLDHNALESVPLNLPESLRVIHLQFNNIASITDDTFCKAN DTSYIRDRIIEEIRLEGNPVILGKHPNSFICKRLPIGSYF
<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

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repeated freeze-thaw cycles.

**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** OGN osteoglycin [ Homo sapiens ]

**Official Symbol** OGN

**Synonyms** OGN; osteoglycin; osteoglycin (osteoinductive factor); mimecan; mimecan proteoglycan; OIF; SLRR3A; osteoinductive factor; corneal keratan sulfate proteoglycan; OG; DKFZp586P2421;

**Gene ID** 4969

**mRNA Refseq** NM\_014057

**Protein Refseq** NP\_054776

**MIM** 602383

**UniProt ID** P20774

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