

Recombinant Human OGN protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human OGN protein(P20774)(21-298aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-298aa
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	35.7 kDa
AA Sequence	PPTQQDSRIIYDYGTDNFEEISFSQDYEDKYLDGKNIKEKETVIIPNEKSLQLQKDEAIT PLPPKKENDEMPTCLLCVCLSGSVYCEEVDIDAVPPLPKESAYLYARFNKIKKLTAKD FADIPNLRRLDFTGNLIEDIEDGTFSKLSLLEELSLAENQLLKLPVLPKLTLFNAKYNK IKSRGIKANAFKKLNNLTFLYLDHNALESVPLNLPESLRVIHLQFNNIASITDDTFCKAN DTSYIRDRIEEIRLEGNPVILGKHPNSFICKRLPIGSYF
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

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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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