

Recombinant Human OGN Protein (21-298 aa), His-tagged

Cat. No. OGN-1477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OGN Protein (21-298 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	21-298 aa
Description	Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.7 kDa
AA Sequence	PPTQQDSRIIYDYGTDNFEEISIFSQDYEDKYLDGKNIKEKETVIIPNEKSLQLQKDEAIT PLPPKKENDEMPTCLLCVCLSGSVYCEEVDIDAVPPLPKESAYLYARFNKIKKLTAKD FADIPNLRRLDFTGNLIEDIEDGTFSKLSLLEELSLAENQLLKLPVLPPKLTLFNAKYNK IKSRGIKANAFKKLNNLTFLYLDHNALESVPLNLPESLRVIHLQFNNIASITDDTFCKAN DTSYIRDRIIEIRLEGNPVLGKHPNSFICKRLPIGSYF
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

OGN osteoglycin [Homo sapiens]

Official Symbol

OGN

Synonyms

OGN; osteoglycin; mimecan; OIF; SLRR3A; OG; DKFZp586P2421;

Gene ID

4969

mRNA Refseq

NM_014057

Protein Refseq

NP_054776

MIM

602383

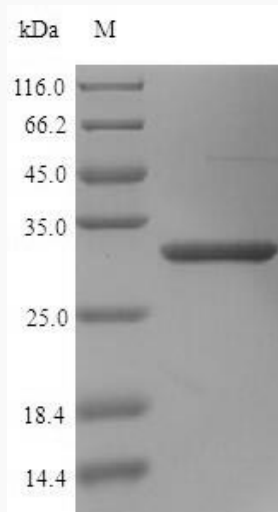
UniProt ID

P20774

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.