

Recombinant Rat OSTN Protein (82-131 aa), His-SUMO-tagged

Cat. No. OSTN-1904R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat OSTN Protein (82-131 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Rat
Source	E.coli
ProteinLength	82-131 aa
Description	Appears to modulate osteoblastic differentiation. Could also function as an autocrine and paracrine factor linked to glucose metabolism in skeletal muscle.
Form	Tris-based buffer,50% glycerol
Molecular Mass	21.6 kDa
AA Sequence	SFSGFGSPLDRLSAGSVEHRGKQRRVVDHSKKRFGIPMDRIGRNRLSSSR
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage

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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 [Ostn osteocrin \[Rattus norvegicus \]](#)

Official Symbol [OSTN](#)

Synonyms OSTN; osteocrin; musclin;

Gene ID [360730](#)

mRNA Refseq [NM_207612](#)

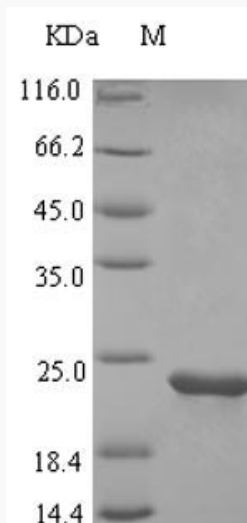
Protein Refseq [NP_997495](#)

UniProt ID [P61365](#)

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

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