

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

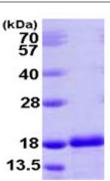
AR09945PU-N Human Osteocrin / OSTN (28-133, His-tag) - Purified

Alternate names:	Musclin
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by BCA assay)
Background:	Osteocrin (OSTN), also known as Musclin, contains two conserved sequence motifs homologous to the natriuretic peptide family. This protein appears to modulate osteoblastic differentiation and highly expressed in cells of osteoblast lineage and in skeletal muscle tissue. It could also function as an autocrine and paracrine factor linked to glucose metabolism in skeletal muscle.
Uniprot ID:	<u>P61366</u>
NCBI:	<u>NP_937827</u>
GenelD:	<u>344901</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl
Description:	Recombinant human OSTN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MVDVTTTEAF DSGVIDVQST PTVREEKSAT DLTAKLLLLD ELVSLENDVI ETKKKRSFSG FGSPLDRLSA GSVDHKGKQR KVVDHPKRRF GIPMDRIGRN RLSNSRG Molecular weight: kDa (127aa) confirmed by MALDI-TOF (Molecular weight on SDS- PAGE will appear higher).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Thomas G., et al. (2003) J. Biol. Chem. 278: 50563-50571. Bord S., et al. (2005) J Histochem Cytochem. 53(10):1181-7.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

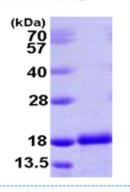


Pictures:



15% SDS-PAGE (3ug)

Recombinant human OSTN, 28-133aa, His-tagged



15% SDS-PAGE (3ug)

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.