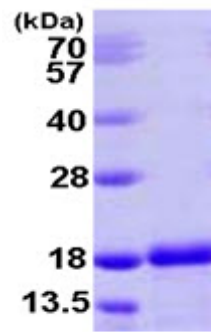


**AR09945PU-N****Human Osteocrin / OSTN (28-133, His-tag) - Purified**

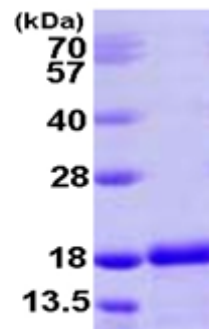
<b>Alternate names:</b>	Musclin
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml (determined by BCA assay)
<b>Background:</b>	Osteocrin (OSTN), also known as Musclin, contains two conserved sequence motifs homologous to the natriuretic peptide family. This protein appears to modulate osteoblastic 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.
<b>Uniprot ID:</b>	<a href="#">P61366</a>
<b>NCBI:</b>	<a href="#">NP_937827</a>
<b>GeneID:</b>	<a href="#">344901</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% <b>Buffer System:</b> 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl
<b>Description:</b>	Recombinant human OSTN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> <u>MGSSHHHHHH SSGLVPRGSH MVDVTTTEAF DSGVIDVQST PTVREKESAT DLTAKLLLLLD</u> ELVSLENDVI ETKKKRSFSG FGSPLDRLSA GSDVHKGKQR KVVDPKRRF GIPMDRIGRN RLSNSRG <b>Molecular weight:</b> kDa (127aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher).
<b>Storage:</b>	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.
<b>General Readings:</b>	Thomas G., et al. (2003) J. Biol. Chem. 278: 50563-50571. Bord S., et al. (2005) J Histochem Cytochem. 53(10):1181-7.

Pictures:



15% SDS-PAGE (3ug)

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



15% SDS-PAGE (3ug)