

Osteocrin Human Recombinant

Item Number	rAP-4374
Synonyms	Osteocrin, Musclin, OSTN.
Description	The recombinant Human Osteocrin is produced with N-terminal fusion of His Tag. The Human Osteocrin His-Tagged Fusion Protein is 13.6 kDa containing 106 amino acid residues of the human Osteocrin and 16 additional amino acid residues – His Tag (underlined).
Uniprot Accesion Number	P61366
Amino Acid Sequence	MRGSHHHHHH GMASHMVDVT TTEAFDSGVI DVQSTPTVRE EKSATDLTAK LLLLDELVSL ENDVIETKKK RSFSGFGSPL DRLSAGSVDH KKGQRKVVDH PKRRFGIPMD RIGRNRLSNS RG.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	Filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer, pH 4.0. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**