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32-17887: Recombinant Human SPARC Protein, hFc Tag

Uniprot ID : P09486
Alternative Name : BM-40, Osteonectin, ON

Description

Molecular Characterization: hFc(Glu99-Ala330) SPARC(Ala18-Ile303)
Molecular weight: The protein has a predicted molecular mass of 58.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-SPARC is approximately 55-70 kDa due to glycosylation.
Description: Recombinant human SPARC protein with N-terminal human Fc tag
This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion. Three transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.