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Datasheet for ABIN7490955 SPARC Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	SPARC
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPARC protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human SPARC protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) SPARC (Ala18-Ile303)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	SPARC
Alternative Name:	SPARC (SPARC Products)
Background:	BM-40, Osteonectin, ON Description: 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

Target Details

	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. [provided by RefSeq, Jun 2015]
Molecular Weight:	predicted molecular mass of 58.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-SPARC is 55-70 kDa due to glycosylation.
UniProt:	P09486
Pathways:	Autophagy

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	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.
Expiry Date:	12 months