



# Recombinant Human SPARC Protein [His] (E. coli) (DAG-WT1918)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	WB, ELISA
<b>Molecular Weight</b>	34 kDa
<b>Format</b>	Lyophilized
<b>Size</b>	50 µg, 1mg
<b>Buffer</b>	20mM PBS pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 8 Ca <sup>2+</sup> with a low affinity and an EF-hand loop that binds a Ca <sup>2+</sup> ion with a high affinity.
<b>Keywords</b>	SPARC; Basement-membrane protein 40; BM-40; Osteonectin; Secreted protein acidic and rich in cysteine; ON

# GENE INFORMATION

UniProt ID

NP\_003109.1

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