

Recombinant Human SPARC Protein, His-Tagged

Cat. No. SPARC-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPARC Protein, His-Tagged was expressed in Baculovirus cell line.
Species	Human
Source	Insect Cells
ProteinLength	295aa
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 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.
Form	Liquid
Molecular Mass	33.8 kDa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE

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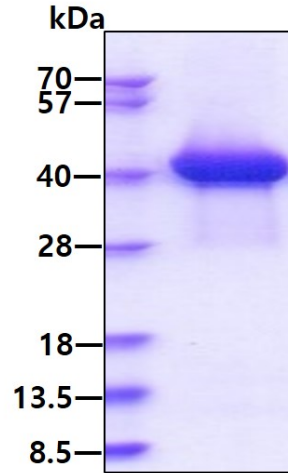
Applications	SDS-PAGE
Notes	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by absorbance at 280nm)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
GENE INFORMATION	
Gene Name	SPARC secreted protein acidic and cysteine rich [Homo sapiens (human)]
Official Symbol	SPARC
Synonyms	SPARC, Basement-membrane protein 40, BM-40, Osteonectin, ON, Secreted protein acidic and rich in cysteine, OI17
Gene ID	6678
mRNA Refseq	NM_003118.4
Protein Refseq	NP_003109.1
MIM	182120
UniProt ID	P09486

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SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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