

Datasheet for ABIN7319051 **SPON2 Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	SPON2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPON2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Spondin 2/SPON2 Protein (His Tag)
Sequence:	Gln27-Val331
Characteristics:	Recombinant Human Spondin2 is produced by our Mammalian expression system and the target gene encoding Gln27-Val331 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SPON2
Alternative Name:	Spondin 2/SPON2 (SPON2 Products)
Background:	Background: Spondin-2, also referred to as mindin, belongs to the F-spondin family of secreted extracellular matrix proteins. Spondins are characterised by the presence of F-spondin domains 1 and 2 (FS1 and FS2) at the N-terminus and a thrombospondin-type 1 repeat (TSR1) domain at

Target Details

the C-terminus. Spondin-2 functions as a pattern-recognition molecule for bacterial and viral pathogens and as an integrin ligand for inflammatory cell recruitment and T cell priming. In addition to its roles in promoting neuron outgrowth and inhibiting both cancer and angiogenesis, Spondin-2 plays an important role in the initiation of the immune response and is involved in inflammatory processes.

Synonym: Spondin-2, Differentially expressed in cancerous and non-cancerous lung cells 1, DIL-1, Mindin, SPON2

Molecular Weight: 34.4 kDa

UniProt: [Q9BUD6](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.