

Product datasheet for **TP727456**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Spondin 2/SPON2/Mindin(C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln27-Val331
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,1mM EDTA,pH7.4 .
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Spondin-2; Differentially expressed in cancerous and non-cancerous lung cells 1; DIL-1; Mindin; SPON2
Summary:	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 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.



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