

Recombinant Human Spondin 2/SPON2/Mindin Protein(C-6His)

Cat.NO.: TP04813

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:34.4 kDa

Sequences:Gln27-Val331

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.