

32-8730: Recombinant Human Spondin 2/SPON2/Mindin(C-6His)

Gene : SPON2
Gene ID : 10417
Uniprot ID : Q9BUD6

Description

Source: Human Cells.

MW :34.4kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Storage condition : 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.

Amino Acid : QPLGGESICSARAPAKYSITFTGKWSQTAFPKQYPLFRPPAQWSSLLGAAHSSDYSMWWRKNQYVSNGLRDFAE
RGEAWALMKEIEAAGEALQSVHEVFSAPAVPSGTGQTSAELEVQRRHSLVSFVVRIVPSPDWVFGVDSDLCD
GDRWREQAALDLYPYDAGTDSGFTFSSPNFATIPQDTVTEITSSSPSHPANFYYPRLKALPPIARVTLRLRQSP
RAFIPPAPVLPSPRDNEIVDSASVPETPLDCEVSLWSSWGLCGGHCGRGLGTSRTRYVRVQPANNGSPCPELEEE
AECVPDNCVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.