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32-9593: Recombinant Human CDO (C-6His)

Alternative Name : Cell adhesion molecule-related/down-regulated by oncogenes; CDON; CDO

Description

Source : Human Cells;
CDO (CAMrelated/down-regulated by oncogenes) is a member of the Immunoglubulin (Ig) superfamily, Ig/Fibronectin (FN) type III repeat family of cell surface proteins. Human CDO is a type I transmembrane (TM) glycoprotein. It is synthesized as a 1287 amino acid (aa) precursor that contains a 25 aa signal sequence, a 938 aa extracellular domain (ECD), a 21 aa TM segment and a 303 aa cytoplasmic region. The ECD contains five C2-type Iglike domains, followed by three FN type III repeats. The ECD of human CDO is 85% aa identical to mouse CDO ECD. CDO is found on muscle precursor and neural progenitor cells of the embryo. It likely promotes muscle differentiation, and contributes to axon guidance and neuronal patterning.

Product Info

Amount : 500 µg / 50 µg

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

Amino Acid : Recombinant Human Cell Adhesion Molecule-related/down-regulated by Oncogenes is produced by our Mammalian expression system and the target gene encoding Asp26-Pro943 is expressed with a 6His tag at the C-terminus.