

OCLN rabbit-FC recombinant protein

Catalog No: YD3125

Reactivity: Human;

Purity: >90% as determined by SDS-PAGE

Gene Name: OCLN

Protein Name: Occludin;OCN

Sequence: Amino acid:383-525, with rabbit FC tag.

Human Gene Id: 100506658

Human Swiss Prot

No:

Formulation: Phosphate-buffered solution

Q16625

Source: Mammalian cells

Storage Stability: -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Background: This gene encodes an integral membrane protein that is required for cytokine-

induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5. [provided by RefSeq, Apr 2011],

Function : protein complex assembly, cellular amino acid derivative metabolic

process, sulfur metabolic process, nucleoside metabolic process, ribonucleoside metabolic process, purine nucleoside metabolic process, macromolecular complex subunit organization, purine ribonucleoside metabolic process, Sadenosylhomocysteine metabolic process, Sadenosylmethionine metabolic process, macromolecular complex assembly, protein complex biogenesis,

Subcellular Location:

Cell membrane; Multi-pass membrane protein. Cell junction, tight junction.

1/2



Expression:

Localized at tight junctions of both epithelial and endothelial cells. Highly expressed in kidney. Not detected in testis.

Products Images