



Recombinant Protein Technical Manual

Recombinant Human DCBLD2/ESDN Protein (aa 67-528, His Tag)
RPES2101

Product Data:

Product SKU: RPES2101

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q96PD2

Protein Information:

Molecular Mass: 52.2 kDa

AP Molecular Mass: 8010 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

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

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Discoidin; CUB and LCCL domain-containing protein 2;DCBLD2;CUB; LCCL and coagulation factor V/VIII-homology domains protein 1;Endothelial and smooth muscle cell-derived neuropilin-like protein;DCBLD2;CLCP1; ESDN

Immunogen Information:

Sequence: Gln67-Ala528

Background:

Discoidin, CUB and LCCL domain-containing protein 2(DCBLD2) is a protein contains 1 CUB domain, 1 F5/8 type C domain, 1 LCCL domain. DCBLD2 is Highly expressed in testis, heart, skeletal muscle and also in cultured vascular smooth muscle cells. Model organisms have been used in the study of DCBLD2 function. Male and female animals underwent a standardized phenotypic screen to determine the effects of deletion. Additional screens performed: In-depth immunological phenotyping.