

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

Catalog No. PKSH032343

Note: Centrifuge before opening to ensure complete recovery of vial contents.

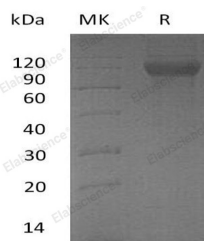
Description

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
Species	Human
Expression Host	HEK293 Cells
Sequence	Gln67-Ala528
Accession	Q96PD2
Calculated Molecular Weight	52.2 kDa
Observed molecular weight	80-110 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

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.