

Human DCBLD2 / ESDN / CLCP1 Protein (His Tag)

Catalog Number: 13615-H08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CLCP1; ESDN

Protein Construction:

A DNA sequence encoding the human DCBLD2 (NP_563615.3) (Met1-Ala482) was expressed with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Gln 21

Molecular Mass:

The recombinant human DCBLD2 consists of 473 amino acids and predicts a molecular mass of 52.6 KDa. It migrates as an approximately 69-89 KDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

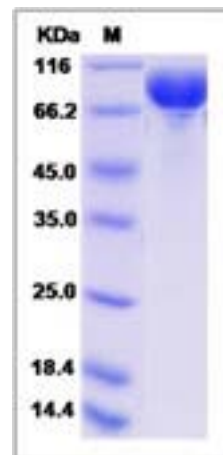
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

DCBLD2, also known as ESDN and CLCP1, localizes in various compartments. DCBLD2 is up-regulated in lung cancers and is regulated by transcription factor AP-2 alpha (TFAP2A), a component of activator protein-2 (AP-2) that is known to regulate IL-8 production in human lung fibroblasts and epithelial cells. DCBLD2 could be related to FEV(1)-related phenotypes in asthmatics. DCBLD2 gene is expressed at very high level. DCBLD2 is proposed to participate in processes such as intracellular receptor mediated signaling pathway, negative regulation of cell growth and so on.

References

1.Kobuke K. et al., 2001, J Biol Chem. 276 (36): 34105-14. 2.Adeghe MM. et al., 2007, Am J Transplant. 7 (9): 2098-105. 3.Chen Y. et al., 2007, Proteomics. 7 (14): 2384-97.

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For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>