For Research Use Only

Recombinant Human SCRIB protein (rFc Tag)

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Catalog Number: Eg6543

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/μg protein, LAL method

Source:
HEK293-derived Human SCRIB protein Ser700-Leu1200 (Accession# Q14160-3) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
23513

Accession:
Q14160-3

Predicted Molecular Mass:
77.6 kDa

SDS-PAGE:
80-100 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20℃ to -80℃ as lyophilized proteins.
- 3 months, -20℃ to -80℃ under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

SCRIB encodes a large, 260-kDa cytoplasmic scaffolding protein that comprises a large leucine-rich repeat (LRR) region and 4 PDZ domains that regulate protein-protein interactionsThe loss of SCRIB in malignant tumors suggest that it has potential to be a tumor suppressor. Mislocalization of SCRIB is involved in epithelial-to-mesenchymal transition (EMT) by inducing loss of E-cadherin. Deregulated SCRIB expression induces tumorigenesis in breast and liver.

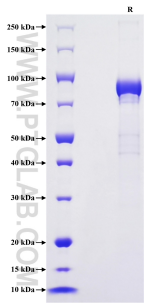
References

1. Kapil, Shweta et al. Oncotarget vol. 8,16 (2017): 26515-26531.
2. Hussein, Usama Khamis et al. Aging vol. 12,12 (2020): 11812-11834.

Synonyms

CRIB1, hScrib, KIAA0147, LAP4, Protein LAP4

Selected Validation Data



Purity of Recombinant Human SCRIB was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.