

For Research Use Only

Recombinant Human SPINT3 protein (rFc Tag)



Catalog Number: Eg2217

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 SPINT3 protein Arg25-Thr89 (Accession# P49223) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

10816

Accession:

P49223

Predicted Molecular Mass:

33.8 kDa

SDS-PAGE:

34-40 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°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C 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

Serine peptidase inhibitor, Kunitz type 3 (SPINT3, also known as HKIB9) might be related to serine-type endopeptidase inhibitor activity, receptor antagonist activity, and transforming growth factor beta binding.

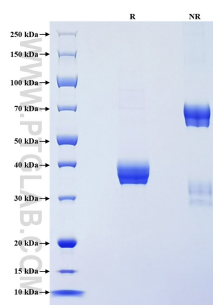
References

1. Adam Clauss, et al. (2011) BMC Biochem. Oct 11:12:55.
2. Matthew J Robertson, et al. (2020) BMC Biol. Aug 19;18(1):103.

Synonyms

HKIB9, Kunitz-type protease inhibitor 3

Selected Validation Data



Purity of Recombinant Human SPINT3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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