

Rat ZNRF3 Protein, His Tag

Catalog # ZN3-R52H3



Synonyms

ZNRF3, Zinc, RING finger protein 3, RING-type E3 ubiquitin transferase ZNRF3, RING finger protein 203, KIAA1133, RNF203

Source

Rat ZNRF3 Protein, His Tag (ZN3-R52H3) is expressed from human 293 cells (HEK293). It contains AA Arg 51- Asp 215 (Accession # [A0A8I5ZKZ0](#)).

Predicted N-terminus: Arg 51

Molecular Characterization

ZNRF3(Arg 51- Asp 215) A0A8I5ZKZ0	Poly-his
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This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 20.1 kDa. The protein migrates as 22-25 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Shipping and Storage

This product is shipped at ambient temperature.

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

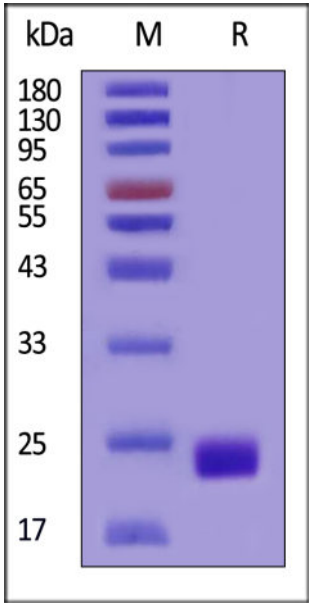
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



Rat ZNRF3 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

Background

The transmembrane E3 ubiquitin ligase zinc and ring finger 3 (ZNRF3) is a negative feedback regulator of Wnt signalling. ZNRF3 is associated with the Wnt receptor complex, and inhibits Wnt signalling by promoting the turnover of frizzled and LRP6 and acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway.

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