Human JAB1 / COPS5 Protein, Fc Tag

Catalog # JA1-H5553

Synonym

JAB1

Source

Human JAB1 Protein, Fc Tag(JA1-H5553) is expressed from Baculovirus-Insect cells. It contains AA Ala 2 - Ser 334 (Accession # Q92905-1).
Predicted N-terminus: Ala 2

Molecular Characterization

JAB1(Ala 2 - Ser 334) Q92905-1	Fc(Pro 100 - Lys 330) P01857

This protein carries a human IgG1 Fc tag at the C-terminus

The protein has a calculated MW of 63.9 kDa. The protein migrates as 33 kDa and 64-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μg by the LAL 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.

Storage

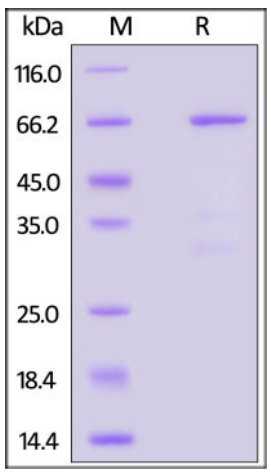
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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.

SDS-PAGE



Human JAB1 Protein, Fc Tag on SDS-PAGE under reducing (R) condition.
The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Background

Jab1, also known as CSN5, is a component of (COP9) signalosome complex (CSN) and reported to be involved in the regulation of cell proliferation, cell-cycle progression, and tumorigenesis. As a component of the COP9 signalosome complex, Jab1 could reciprocally regulate the stability and transcriptional activity of MED1 and might be a MED1 direct target gene mediating the aggressive phenotypes of HER2+tumors.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.