

## **PRODUCT INFORMATION**

ROBO1 **Target** 

**Synonyms** Deleted in U twenty twenty; H-Robo-1

Recombinant human ROBO1 protein with C-Description

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q9Y6N7 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Background** 

ROBO1(Gln26-Pro897) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

121.8 kDa after removal of the signal peptide. The apparent molecular mass of ROBO1-hFc is **Molecular Weight** approximately 100-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline. The product of this gene is a member of the immunoglobulin gene superfamily and encodes an integral membrane protein that functions in axon guidance and

neuronal precursor cell migration. This receptor is activated by SLIT-family proteins, resulting in a repulsive effect on glioma cell guidance in the developing brain. A related gene is located at an adjacent region on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by

> Email: info@dimabio.com Website: www.dimabio.com

RefSeq, Mar 2009]

Usage Research use only Conjugate Unconjugated





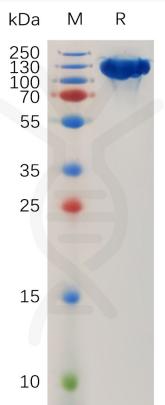


Figure 1. Human ROBO1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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