

Datasheet for ABIN6964317

ROBO1 Protein (AA 26-897) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	ROBO1
Protein Characteristics:	AA 26-897
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROBO1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ROBO1 protein with C-terminal human Fc tag
Specificity:	ROBO1 (Gln26-Pro897) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ROBO1
Alternative Name:	ROBO1 (ROBO1 Products)
Background:	Bilateral symmetric nervous systems have special midline structures that establish a partition

Target Details

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 RefSeq, Mar 2009]

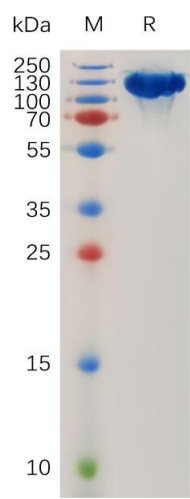
Molecular Weight:	predicted molecular mass of 121.8 kDa after removal of the signal peptide. The apparent molecular mass of ROBO1-hFc is 100-130 kDa due to glycosylation.
UniProt:	Q9Y6N7
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human R Protein, hFc Tag on SDS-PAGE under reducing condition.