

Active Recombinant Human ROBO1 protein, His-Avi-tagged, Biotinylated

Cat. No. ROBO1-042H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human ROBO1 protein(Gln 26 - Pro 897), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 26 - Pro 897
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Anti-ROBO1 Antibody, Mouse IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human ROBO1, His,Avitag with a linear range of 2-31 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 99.2 kDa. The protein migrates as 100-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

ROBO1 roundabout, axon guidance receptor, homolog 1 (Drosophila) [Homo sapiens]

Official Symbol

ROBO1

Synonyms

ROBO1; roundabout, axon guidance receptor, homolog 1 (Drosophila); roundabout (axon guidance receptor, Drosophila) homolog 1; roundabout homolog 1; DUTT1; FLJ21882; SAX3; deleted in U twenty twenty; MGC131599; MGC133277;

Gene ID

6091

mRNA Refseq

NM_001145845

Protein Refseq

NP_001139317

MIM

602430

UniProt ID

Q9Y6N7

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