

## Recombinant Human ROBO1 protein, hFc-tagged(VLPs)

Cat. No. ROBO1-041H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ROBO1 protein(Q9Y6N7-1) (Met1-Pro897) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro897
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human ROBO1 consists of 898 amino acids and predicts a molecular mass of 98.89 kDa. It migrates as an approximately 136.91 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

**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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