Recombinant Human ROBO1 protein, hFc-tagged(VLPs)

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

SPECIFICATION

Product Overview	Recombinant Human ROBO1 protein(Q9Y6N7-1) (Met1-Pro897) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro897
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
Storage	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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