Active Recombinant Rat Robo1 Protein, Fc Chimera

Cat. No. Robo1-988R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Robo1 (Accession # O55005), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	Lys19
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.Biotinylated recombinant mouse Slit-3 immobilized on a streptavidin-coated plate at 1 μg/mL can bind Recombinant Rat ROBO1 Fc Chimera with an apparent Kd <10 nM.
Molecular Mass	Recombinant Rat Robo1, Fc Chimera has a calculated MW of 86.2 kDa (monomer). In SDS-PAGE migrates as 110-115 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).
Reconstitution	Reconstitute at 50 μg/mL in sterile PBS containing at least 0.1% human or bovine

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	serum albumin.

GENE INFORMATION

Gene Name	Robo1 roundabout homolog 1 (Drosophila) [Rattus norvegicus]
Official Symbol	Robo1
Synonyms	ROBO1; roundabout homolog 1 (Drosophila); roundabout homolog 1;
Gene ID	58946
mRNA Refseq	NM_022188
Protein Refseq	NP_071524
MIM	

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