

Recombinant Mouse ROBO4 Protein, His-tagged

Cat. No. ROBO4-957M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ROBO4 (NP_083059.2) N-terminal fragment (Met 1-Glu 480) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-480 a.a.
Predicted N Terminal	Leu 38
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse ROBO4 (aa 1-480) comprises 454 amino acids and has a calculated molecular mass of 49.6 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Robo4 roundabout homolog 4 \(Drosophila\) \[Mus musculus \]](#)

Official Symbol [ROBO4](#)

Synonyms ROBO4; roundabout homolog 4 (Drosophila); roundabout homolog 4; Magic roundabout; AI593217; 1200012D01Rik;

Gene ID [74144](#)

mRNA Refseq [NM_028783](#)

Protein Refseq [NP_083059](#)

MIM

UniProt ID

Function protein binding; receptor activity;

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