

Mouse ROBO4 Protein

Cat. No. ROB-MM104

Description

Source	Recombinant Mouse ROBO4 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Leu28-Trp480.
Accession	Q8C310
Molecular Weight	The protein has a predicted MW of 50.3 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

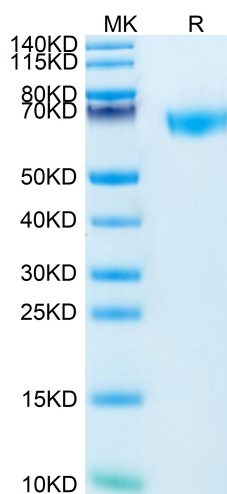
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Roundabout4 (Robo4) is a transmembrane receptor that belongs to the Roundabout (Robo) family of axon guidance molecules. Robo4 is an endothelial-specific receptor that participates in endothelial cell migration, proliferation, and angiogenesis and the maintenance of vasculature homeostasis. Robo4 is a promising and potentially valuable therapeutic target for treating pathological angiogenesis and developmental defects in angiogenesis.

Assay Data

Tris-Bis PAGE



Mouse ROBO4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.