



Recombinant Protein Technical Manual

Recombinant Human ROBO4 Protein (Fc Tag)

RPES2450

Product Data:

Product SKU: RPES2450

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q8WZ75

Protein Information:

Molecular Mass: 74.6 kDa

AP Molecular Mass: 87 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Roundabout homolog 4; Magic roundabout; ROBO4; UNQ421/PRO3674

Immunogen Information:

Sequence: Gln28-Arg467

Background:

Roundabout homolog 4 (ROBO4) contains 2 fibronectin type-III domains, 2 Ig-like C2-type (immunoglobulin-like) domains and belongs to the immunoglobulin superfamily. The protein is a receptor for slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. ROBO4 may mediate the inhibition of primary endothelial cell migration by Slit proteins.