

Roundabout Homolog 4 Recombinant Protein | ROBO4 recombinant protein

Recombinant Human Roundabout Homolog 4 Protein

CATALOG #
AAA174588

HOST
Human Cells

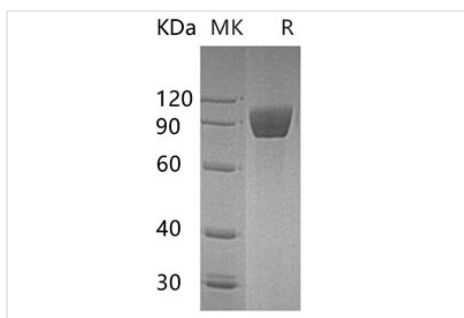
PRODUCT SYNONYMS

Roundabout Homolog 4; Recombinant Human Roundabout Homolog 4 Protein; Roundabout homolog 4; Magic roundabout; ROBO4; UNQ421/PRO3674; ROBO4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Sequence Length	862
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Fragment	Gln28-Arg467
Fusion Tag	C-Fc
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water(66ul) be added to the vial to prepare a stock solution of 0.15mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	This product is provided as lyophilized powder which is shipped on dry ice. 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.

IMAGES



Application Data
SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ROBO4 recombinant protein

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	666637980
NCBI GeneID	54538
NCBI Accession #	NP_001288017.1
NCBI GenBank Nucleotide #	NM_001301088.1
UniProt Accession #	Q8WZ75; Q14DU7; Q8TEG1; Q96JV6; Q9H718; Q9NWJ8; A8K154
Molecular Weight	Molecular Mass: 74.6kDa Actual Protein Molecular Mass: 87kDa
NCBI Official Full Name	roundabout homolog 4 isoform 2
NCBI Official Synonym Full Names	roundabout guidance receptor 4
NCBI Official Symbol	ROBO4
NCBI Official Synonym Symbols	MRB; ECSM4
NCBI Protein Information	roundabout homolog 4
UniProt Protein Name	Roundabout homolog 4
UniProt Gene Name	ROBO4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/robo4-recombinant-protein-human-cells/174588>