

Active Recombinant Human ROBO4 protein, His-tagged, Low Endotoxin

Cat. No. ROBO4-3792H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROBO4 protein(Q8WZ75-1)(Ala27-Glu469), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-469 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ROBO4, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-ROBO4 Antibody, hFc Tag with the EC50 of 5.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 47.8 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name ROBO4 roundabout, axon guidance receptor, homolog 4 (Drosophila) [Homo sapiens]

Official Symbol ROBO4

Synonyms ROBO4; roundabout, axon guidance receptor, homolog 4 (Drosophila); roundabout homolog 4 (Drosophila); roundabout homolog 4; ECSM4; FLJ20798; magic roundabout; MRB; roundabout homolog 4, magic roundabout; MGC133352; MGC133353;

Gene ID 54538

mRNA Refseq NM_019055

Protein Refseq NP_061928

MIM 607528

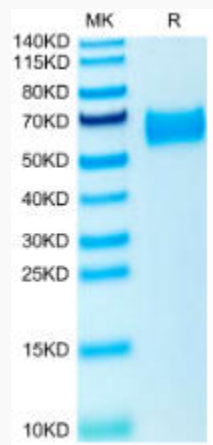
UniProt ID Q8WZ75

 Tel: 1-631-559-9269 1-516-512-3133

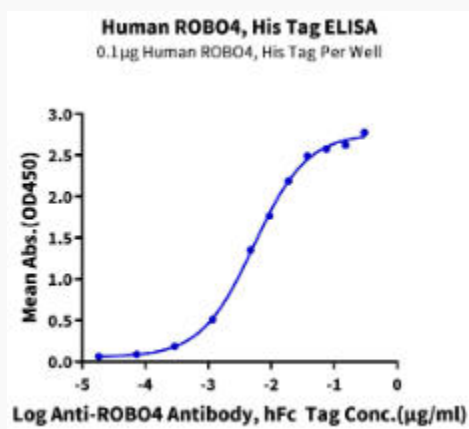
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Bis-Tris PAGE



ELISA Data



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA