Recombinant Human ROBO2 protein(Met1-Pro859), His-tagged

Cat. No. ROBO2-3268H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROBO2 (Q9HCK4-1) (Met1-Pro859) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro859
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ROBO2 consists of 849 amino acids and predicts a molecular mass of 94.2 KDa. It migrates as an approximately 116 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be 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

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ROBO2 roundabout, axon guidance receptor, homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	ROBO2
Synonyms	ROBO2; roundabout, axon guidance receptor, homolog 2 (Drosophila); roundabout (axon guidance receptor, Drosophila) homolog 2; roundabout homolog 2; KIAA1568; SAX3;
Gene ID	6092
mRNA Refseq	NM_001128929
Protein Refseq	NP_001122401
MIM	602431
UniProt ID	Q9HCK4

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