

ROBO4 Protein, Mouse (453a.a, HEK293, His)

Cat. No.:	HY-P78031
Synonyms:	ECSM4; MRB; FLJ20798; MGC133352; MGC133353; ROBO4
Species:	Mouse
Source:	HEK293
Accession:	Q8C310 (L28-W480)
Gene ID:	74144
Molecular Weight:	60-70 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ROBO4 Protein functions as a receptor for Slit proteins, particularly SLIT2, and plays a crucial role in angiogenesis and vascular patterning. This receptor is implicated in mediating the inhibition of primary endothelial cell migration by Slit proteins. Additionally, ROBO4 is actively involved in maintaining the organization and functionality of the endothelial barrier. Through its interactions with SLIT2 and ENAH, ROBO4 contributes to intricate cellular processes, shedding light on its significance in vascular development and the regulation of endothelial cell behavior.
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Caution: Product has not been fully validated for medical applications. For research use only.

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