

ARG70776 Mouse Robo1 / DUTT1 recombinant protein (His-Avi-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

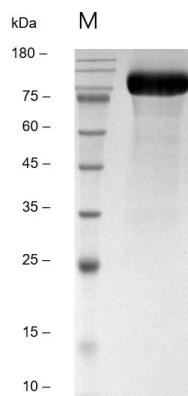
Product Description	CHO expressed, His-Avi-tagged (C-ter) Robo1 / DUTT1 recombinant protein
Tested Application	SDS-PAGE
Target Name	Robo1 / DUTT1
Species	Mouse
Expression System	CHO
Alternate Names	Deleted in U twenty twenty; H-Robo-1; DUTT1; Roundabout homolog 1; SAX3

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ROBO1
Gene Full Name	Roundabout Guidance Receptor 1
Background	Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline. The product of this gene is a member of the immunoglobulin gene superfamily and encodes an integral membrane protein that functions in axon guidance and neuronal precursor cell migration. This receptor is activated by SLIT-family proteins, resulting in a repulsive effect on glioma cell guidance in the developing brain. A related gene is located at an adjacent region on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
PTM	Ubiquitinated. May be deubiquitinated by USP33.



ARG70776 Mouse Robo1 / DUTT1 recombinant protein (His-Avi-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70776 Mouse Robo1 / DUTT1 recombinant protein (His-Avi-tagged, C-ter).