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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ROBO1 (Human) Recombinant Protein (Q01)

Catalog Number: H00006091-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ROBO1 partial ORF (NP_002932, 491 a.a. - 589 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

DGVLVSTQDSRIKQLENGVLQIRYAKLGD TGRYTCIAS
TPSGEATWSAYIEVQEFQVQPPRPTDPNLIPSAPSK
PEVTDVSRNTVTLWQPNLNSGA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6091

Gene Symbol: ROBO1

Gene Alias: DUTT1, FLJ21882, MGC131599, MGC133277, SAX3

Gene Summary: 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]