

Roundabout homolog 1 (Robo1) Recombinant Protein | Robo1 recombinant protein

Recombinant Mouse Roundabout homolog 1 (Robo1) , partial

CATALOG # AAA115486	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Roundabout homolog 1 (Robo1); Recombinant Mouse Roundabout homolog 1 (Robo1); partial; Robo1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	880-1612, Fragment at the C-terminal, the complete intracellular domain.
Sequence	YRHRKKRNL TSTYAGIRKV PSFTFTPTVT YQRGGEAVSS GGRPGLLNIS EPATQPWLAD TWPNTGNNHN DCSINCCTAG NGNSDSNLTT YSRPADCIAN YNNQLDNKQT NLMLPESTVY GDVDLSNKIN EMKTFNSPNL KDGFRVNPSP QPTPYATTQL IQANLSNNMN NGAGDSSEKH WKPPGQQKPE VAPIQYNIME QNKLNKDYRA NDITIPPTIPY NQSYDQNTGG SYNSSDRGSS TSGSQGHKKG ARTPKAPKQG GMNWADLLPP PPAHPPPHSN SEEYNMSVDE SYDQEMPCPV PPAPMYLQQD ELQEEEDERG PTPPVGAAS SPAAVSYSHQ STATLTSPSQ EELQPMLQDC PEDLGHMHPH PDRRRQPVSP PPPRPISPP HTYGYISGPL VSDMDTDAPE EEEDEADMEV AKMQTRRLLL RGLEQTPASS VGDLESSVTG SMINGWGSAS EEDNISSGRS SVSSSDGSFF TDADFAQAVA AAAYAGLVK ARRQMQDAAG RRHFHASQCP RPTSPVSTDS NMSAVVIQKA RPAKKQKHQP GHLRREAYAD DLPPPPVPPP AIKSPTVQSK AQLVVRPVMV PKLASIEART DRSSDRKGGG YKGREALDGR QVTDLRNTPS DPREAQEQPN DGKGRGTRQP KRDLPPAKTH LGQEDILPYC RPTFPTSNNP RDPSSSSSMS SRGSGSRQRE QANVGRRNMA EMQVLGGFER GDENNEEELE TES
Sequence Length	1612
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Robo1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122114644
NCBI GeneID	19876
NCBI Accession #	NP_062286.2
NCBI GenBank Nucleotide #	NM_019413.2

UniProt Accession #	O89026
Molecular Weight	82 kDa
NCBI Official Full Name	roundabout homolog 1
NCBI Official Synonym Full Names	roundabout guidance receptor 1
NCBI Official Symbol	Robo1
NCBI Official Synonym Symbols	DUTT1; Gm310; AW494633; AW742721
NCBI Protein Information	roundabout homolog 1
UniProt Protein Name	Roundabout homolog 1
UniProt Gene Name	Robo1
UniProt Synonym Gene Names	Dutt1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/robo1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115486>