



Recombinant Mouse Roundabout homolog 1 (Robo1), partial

Product Code	CSB-MP020054MO
Relevance	Receptor for SLIT1 and SLIT2 that mediates cellular responses to molecular guidance cues in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development (PubMed:10433822, PubMed:24560577). Interaction with the intracellular domain of FLRT3 mediates axon attraction towards cells expressing NTN1 (PubMed:24560577). In axon growth cones, the silencing of the attractive effect of NTN1 by SLIT2 may require the formation of a ROBO1-DCC complex (By similarity). May be required for lung development (PubMed:11734623).
Abbreviation	Recombinant Mouse Robo1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O89026
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YRHRKKRNGLTSTYAGIRKVPSFTFTPTVTYQRGGEAVSSGGRPGLLNISEPA TQPWLADTWPNTGNNHNDCSINCCTAGNGNSDSNLTTYSRPADCIANYNNQL DNKQTNLMLPESTVYGDVDLSNKINEMKTFNSPNLKDGRFVNPSGQPTPYAT TQLIQANLSNNMNGAGDSSEKHWKPPGQQKPEVAPIQYNIMEQNKLNDYR ANDTIPPTIPYNQSYDQNTGGSYNSSDRGSSTSGSQGHKKGARTPKAPKQGG MNWADLLPPPPAHPPPHSNSEEYNMSVDESQEMPCPVPPAPMYLQQDEL QEEEDERGPTTPVIRGAASSPAAVSYSHQSTATLTPSPQEELQPMQLQDCPEDL GHMPHPPDRRRQPVSPPPPPRPISPPHTYGYISGPLVSDMDTDAPEEEEEDEA DMEVAKMQTRRLRLRGLEQTPASSVGDLESSVTGSMINGWGSASEEDNISSG RSSVSSSDGSFFTDADFAQAVAAAAEYAGLKVARRQMMDAAGRHRHFHASQC PRPTSPVSTDSNMSAVVIQKARPAKKQKHQPGHLRREAYADDLPPPPVPPPAI KSPTVQSKAQLEVRPVMVPKLASIEARTDRSSDRKGGSYKGREALDGRQVTD LRTNPSPDREAQEQPNDBGKGRGTRQPKRDLPPAKTHLGQEDILPYCRPTFPT SNNPRDPSSSSSMSSRGSGSRQREQANVGRNRMAEMQVLGGFERGDENNE ELEETES
Research Area	Cancer
Source	Mammalian cell
Target Names	Robo1
Expression Region	880-1612aa



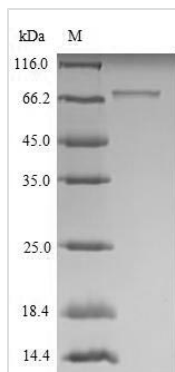
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info N-terminal 6xHis-Myc-tagged

Mol. Weight 84.0kDa

Protein Length Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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