

Recombinant Mouse ROBO1 Protein Product Manual

1. Product Basic Information

Product No.: REP08075

Protein Name: Roundabout Homolog Deleted In U Twenty Twenty (ROBO1)

Aliases: NORS; NYS8; SAX3; CPHD8; DUTT1; roundabout homolog deleted in U twenty twenty

UniProt ID: Q9Y6N7

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y6N7/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Partial (880-1612aa)

Molecular Weight: 84.0kDa

Protein Tag: N-terminal 6xHis-Myc-tagged

2. Amino Acid Sequence (880-1612aa)

YRHRKRNGLTSTYAGIRKVPSTFTFTPTVTYQRGGEAVSSGGRPGLLNISEPATQP
WLADTWPNTGNNHNDSCSINCCTAGNGNSDSLTTYSRPADCIANYNNQLDNKQTN
LMLPESTVYGDVDLSNKNEMKTFNSPNLKDGRFVNPSGQPTPYATTQLIQANLSN
NMNNGAGDSSEKHWKPPGQQKPEVAPIQYNIMEQNKLNDYRANDTIPPTIPYNQ
SYDQNTGGSYNSSDRGSSTSGSQGHKKGARTPKAPKQGGMNWADLLPPPPAHP
PPHSNSEEYNMSVDESYDQEMPCVPPAPMYLQQDELQEEEDERGPTPPVIRGAA
SSPAAVSYSHQSTATLTPSPQEELQPMLQDCPEDLGHMPHPPDRRRQPVSPPPPP
RPISPPHTYGYISGPLVSDMDTDAPEEEEEDEADMEVAKMQTRRLLLRGLEQTPASS
VGDLESSVTGSMINGWGSASEEDNISSGRSSVSSSDGSFFTDADFAQAVAAAAEY
AGLKVARRMQDAAGRRHFHASQCPRPTSPVSTDSNMSAVVIQKARPAKKQKHQ
PGHLRREAYADDLPPPPVPPPAIKSPTVQSKAQLEVRPVMVPKLASIEARTDRSSD
RKGGSYKGREALDGRQVTDLRTNPSPDREAQEQPNDBGKGRGTRQPKRDLPPAKT
HLGQEDILPYCRPTFPTSNNPRDPSSSSSMSSRSGSGSRQREQANVGRRNMAEMQ
VLGGFERGDENNEELETES

3. Storage Buffer



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse ROBO1 partial protein (880-1612aa) expressed in Mammalian cell. The protein is with 6xHis-Myc tag at the N-terminus, which facilitates protein purification, detection and identification. ROBO1, also known as NORS or NYS8 or SAX3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.