



Recombinant Mouse NISCH Protein Product Manual

1. Product Basic Information

Product No.: REP07598

Protein Name: I1R Candidate Protein (NISCH)

Aliases: I-IR1; IRAS; hIRAS; nischarin; I1R candidate protein; imidazoline receptor antisera selected

UniProt ID: Q9Y2I1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y2I1/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (1241-1593aa)

Molecular Weight: 47.4

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1241-1593aa)

EVENEELRHLLWSSVVFYQTPGLEVTACVLLSSKAVYFILHDGLRRYFSEPLQDFW
HQKNTDYNNSPFHVSQCFVLKLSDLQSVNVGLFDQYFRLTGSSPTQVVTCLTRDSY
LTHCFLQLHMLVLSSLERTPSPEPVDKDFYSEFGDKNTGKMENYELIHSSRVKFTYP
SEEEVGDLTIVAQKMADPAKNPALSILLYIQAFQVVTPHLGRGRGPLRPKTLTLLTSA
EIFLLDEDYIHYPLEFAKEPPQRDRYRLDDGRRVRDLDRVLMGYYPYPQALTLVFD
DTQGHDLMGSVTLDFHFGEMPGGPGRVGQGREVQWQVFVPSAESREKLISLLARQ
WEALCGRELPVELTG

3. Storage Buffer

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 NISCH partial protein (1241-1593aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NISCH, also known as I-IR1 or IRAS or hIRAS, 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.