



Recombinant Human NR2C2 Protein Product Manual

1. Product Basic Information

Product No.: REP07637

Protein Name: Orphan Receptor Tr4 (NR2C2)

Aliases: TR4; TAK1; orphan receptor TR4; orphan nuclear receptor TR4; Nuclear hormone receptor TR4; orphan nuclear receptor TAK1

UniProt ID: P49116

UniProt Link: <https://www.uniprot.org/uniprotkb/P49116/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (3-592aa)

Molecular Weight: 68.7kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (3-592aa)

SPSPRIQIISTDSAVASPRIRIQIVTDQQTGQKIQIVTAVDASGSPKQQFILTSPDGAGT
GKVILASPETSSAKQLIFTTSDNLVPGRIQIVTDSASVERLLGKTDVQRPQVVEYCVV
CGDKASGRHYGAVSCEGCKGFFKRSVRKNLTYSCRSNQDCIINKHHRNRCQFCRL
KKCLEMGMKMESVQSERKPFQDVQREKPSNCAASTEKIYIRKDLRSPLIATPTFVADK
DGARQTGLLDPGMLVNIQQPLIREDGTVLLATDSKAETSQGALGTLANVVTSLANLS
ESLNNGDTSEIQPEDQSASEITRAFDTLAKALNTTDSSTSSPSLADGIDTSGGGSIHVI
SRDQSTPIIEVEGPILLSDTHTVTFKLTMPSPMPEYLVNHYICESASRLLFLSMHWARS
PAFQALGQDCNTSLVRACWNELFTLGLAQCAQVMSLSTILAAIVNHLQNSIQEDKLS
GDRIKQVMEHIWKLQEFCSMAKLDIDGYEYAYLKAIVLFSPDHPGLTSTSQIEKFQ
EKAQMELQDYVQKTYSEDYRLARILVRLPALRLMSSNITEELFFTGLIGNVSIDSIIIP
YILKMETAEYNGQIT

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).

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 Human NR2C2 partial protein (3-592aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NR2C2, also known as TR4 or TAK1 or orphan receptor TR4, 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.