

Recombinant Fruit fly NXF2 Protein Product Manual

1. Product Basic Information

Product No.: REP07669

Protein Name: TapI-Tap-Like Protein Cancer/Testis Antigen 39 (NXF2)

Aliases: CT39; TAPL-TAP-like protein cancer/testis antigen 39; nuclear RNA export factor 2

UniProt ID: Q9GZY0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9GZY0/entry>

Species Source: Drosophila melanogaster (Fruit fly)

Expression System: Baculovirus

Protein Length: Partial (573-841aa)

Molecular Weight: 33.7 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (573-841aa)

QKNFLCDTGAYELVGAFLENYLREFENDEFNRHNLKYKYSSENSIFTLTCNYNVVQNH
QTPKILQRLSKYNRHARNLRNKDYSKASDGVFFGCTYIVEILLQLPRVTHDFHSLQT
DVMHYNGKGAIVIYVAGLLRDEPPSTRNGHGSKTDIGGVLLGFSRQFVVTDFDEANLG
LGKRARRLKIANERLHITNPSKTAIRNAFSVNFPDPSEERQAEEDSLDVKDHKLLLFQE
VTGLISTWVTSIVEEADWDFERALKLFIQKNADHEIPDLAFA

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



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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 Fruit fly NXF2 partial protein (573-841aa) expressed in Baculovirus. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NXF2, also known as CT39 or TAPL-TAP-like protein cancer/testis antigen 39 or nuclear RNA export factor 2, 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.