



Recombinant strain K12 cnoX Protein Product Manual

1. Product Basic Information

Product No.: REP06503

Protein Name: Ecto-Nox Disulfide-Thiol Exchanger 1 (cnoX)

Aliases: ecto-NOX disulfide-thiol exchanger 1

UniProt ID: P77395

UniProt Link: <https://www.uniprot.org/uniprotkb/P77395/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Full Length (1-284aa)

Molecular Weight: 38.7 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-284aa)

MSVENIVNINESNLQQVLEQSMTPVLFYFWSESRQHCLQLTPILES LAAQYNGQFI
LAKLDCDAEQMIAAQFGLRAIPTVYLFQNGQPVDGFGQPQPEEAI RALLDKVLPREE
ELKAQQAMQLMQESNYTDALPLLKDAWQLSNQNGEIGLLLAETL IALNRSEDAEAVL
KTIPLQDQDTRYQGLVAQIELLKQAADTPEIQQLQQQVAENPEDA ALATQLALQLHQ
VGRNEEALELLFGHLRKDLTAADGQTRKTFQEIL AALGTGDALASKYRRQLYALLY

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

5. Product Description

This product is a recombinant strain K12 cnoX full length protein (1-284aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. cnoX, also known as ecto-NOX disulfide-thiol exchanger 1, 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.