



Recombinant Human CLIC4 Protein Product Manual

1. Product Basic Information

Product No.: REP06484

Protein Name: Glutaredoxin-Like Oxidoreductase Clic4 (CLIC4)

Aliases: H1; huH1; p64H1; CLIC4L; MTCLIC; glutaredoxin-like oxidoreductase CLIC4; intracellular chloride ion channel protein p64H1

UniProt ID: Q9Y696

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y696/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-253aa)

Molecular Weight: 55.8kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-253aa)

MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVVFSVTTV
DLKRKPADLQNLAPGTHPPFITFNSEVKTDVKNKIEEFLEEVLCPPKYLLSPKHPESN
TAGMDIFAKFSAYIKNSRPEANEALERGLLKTQLDEYLN SPLDEIDENSMEDIKF
STRKFLDGNEMTLADCNLLPKLHIVKV VAKKYRNFDIPKEMTGIWRYLTNAYS RDEF
TNTCPSDKEVEIAYS DVAKRLTK

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

5. Product Description

This product is a recombinant Human CLIC4 full length protein (1-253aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. CLIC4, also known as H1 or huH1 or p64H1, 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.