



Recombinant Human GLO1 Protein Product Manual

1. Product Basic Information

Product No.: REP06986

Protein Name: Glx Hel-S-74 (GLO1)

Aliases: GLYI; GLOD1; glx HEL-S-74; glyoxalase aldoketomutase; methylglyoxalase; ketone-aldehyde mutase; lactoylglutathione lyase; lactoyl glutathione lyase; S-D-lactoylglutathione methylglyoxal lyase

UniProt ID: Q04760

UniProt Link: <https://www.uniprot.org/uniprotkb/Q04760/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-184aa)

Molecular Weight: 47.8kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-184aa)

MAEPQPPSGGLTDEAALSCCSDADPSTKDFLLQQTMLRVKDPKKSLEDFYTRVLGM
TLIQKCDFPIMKFSLYFLAYEDKNDIPKEKDEKIAWALSRLKATLELTHNWGTEDDETQ
SYHNGNSDPRGFGHIGIAVPDVYSACKRFEELGVKFKPKPDDGKMKGLAFIQDPDG
YWIEILNPNKMATLM

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 GLO1 full length protein (1-184aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. GLO1, also known as GLYI or GLOD1 or glx HEL-S-74, 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.