



Recombinant Human GPC6 Protein Product Manual

1. Product Basic Information

Product No.: REP07019

Protein Name: Glypican Glypican-Glypican Proteoglycan 6 (GPC6)

Aliases: glypican glypican-glypican proteoglycan 6

UniProt ID: Q9Y625

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y625/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (24-529aa)

Molecular Weight: 59.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (24-529aa)

DVKARSCGEVRQAYGAKGFLADIPYQEIAGEHLRICPQEYTCCTTEMEDKLSQQS
KLEFENLVEETSHFVRTTFVSRHKKFDEFFRELLENAEKS LNDMFVRTY GMLYMQN
SEVFQDLFTLKRYYTGGNVNLEEMLNDFWARLLERMFQLINPQYHFSE DYLECVS
KYTDQLKPFQDVPRKLKIQVTRAFIAARTFVQGLTVGREVANRVSKVSP TPGCIRAL
MKMLYCPYCRGLPTVRPCNNYCLNVMKGCLANQADLDTEWNL FIDAMLLVAERLE
GPFNIESVMDPIDVKISEAIMNMQENSMQVSAKVFQCGQPKPAPALRSARSAPEN
FNTRFRPYNPEERPTTAAGTSLDRLVTDIKEKLKLSKKVWSALPYTICKDES VTAGT
SNEEECWNGHSHKARYLPEIMNDGLTNQINNPEVDVDITRPDTFIRQQIMALRVMTNK
LKNAYNGNDVNFQDTSDESSGSGSGSGCMDDVCPTFEFVTTEAPAVDPDRREV
DS

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human GPC6 full length of mature protein protein (24-529aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. GPC6, also known as glypican glypican-glypican proteoglycan 6, 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.