



Recombinant Mouse AZGP1 Protein Product Manual

1. Product Basic Information

Product No.: REP06235

Protein Name: Alpha-2-Glycoprotein, Zinc (AZGP1)

Aliases: ZAG; ZA2G; zn-alpha-2-GP; Zn-alpha2-glycoprotein; zn-alpha-2-glycoprotein; zinc-alpha-2-glycoprotein; Alpha-2-glycoprotein, zinc; testicular tissue protein Li 227; alpha-2-glycoprotein 1, zinc-binding

UniProt ID: P25311

UniProt Link: <https://www.uniprot.org/uniprotkb/P25311/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (18-307aa)

Molecular Weight: 35.1 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (18-307aa)

QETGSYYLTFLYTGLSRPSKGFPRFQATAFLNDQAFFHYNSNSGKAEPVGPWSQV
EGMEDWEKESQLQRAREEIFLVTLKDMDYYKDTTGSHTFQGMFGCEITNNRSSGA
VWRYAYDGEDFIEFNKEIPAWIPLDPAAANTKLKWEAEKVYVQRAKAYLEEECP
EM LKRYLNYSRSHLDRIDPPTVTITSRVIPGGNRIFKCLAYGFYPQRISLHWNKANKKLA
FEPERGVFPNGNGTYLSWAEVEVSPQDIDPFFCLIDHRGFSQSLSVQWDRTRKVK
DENNVVAQPQ

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 Mouse AZGP1 full length of mature protein protein (18-307aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. AZGP1, also known as ZAG or ZA2G or zn-alpha-2-GP, 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.