



# Recombinant Mouse-ear cress GASA14 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06956

**Protein Name:** Gibberellin-Regulated Family Protein (GASA14)

**Aliases:** Gibberellin-regulated family protein

**UniProt ID:** Q9LFR3

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9LFR3/entry>

**Species Source:** Arabidopsis thaliana (Mouse-ear cress)

**Expression System:** E.coli

**Protein Length:** Full Length of Mature Protein (22-275aa)

**Molecular Weight:** 33.7 kDa

**Protein Tag:** C-terminal 6xHis-tagged

## 2. Amino Acid Sequence (22-275aa)

ASNEESNALVSLPTPTLPSPSPATKPPSPALKPPTPSYKPPTLPTTPIKPPTTKPPVK  
PPTIPVTPVKPPVSTPPIKLPPVQPPTYKPPTPTVKPPSVQPPTYKPPTPTVKPPTTS  
PVKPPTTPPVQSPPVQPPTYKPPTSPVKPPTTTPPVKPPTTTPPVQPPTYNPPTTPV  
KPPTAPPVKPPTPPPVRTRIDCVPLCGTRCGQHRSRKNVCMRACVTCCYRCKCVPP  
GTYGNKEKCGSCYANMKTRGGKSKCP

## 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 Mouse-ear cress GASA14 full length of mature protein protein (22-275aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. GASA14, also known as Gibberellin-regulated family protein, 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.