

# Recombinant Rat Azgp1 protein, His&Myc-tagged

**Cat. No.** Azgp1-4525R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Azgp1 protein(Q63678)(18-296aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli                                                                                                                                                                                                 |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 18-296aa                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                              |
| <b>Molecular Mass</b>   | 39.7 kDa                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>QETGSYSYLIFLYTGLSRPSKGLPRFQATAFLNDQAFFHYNSNSGKAEPVEPWSHVE</p> <p>GMEDWEKESQLQRAREEIFLVTLKDINDYEDSTGSHTFQGMFGCEITNNRSSGAV</p> <p>WRYAYDGEDFIEFNKEIPAWIPLDPAAANTKLKWEAEKVYVQRAKAYLEEECPMLK</p> <p>KYLTYSRSHLDRTDPPTVKITSRVAPGRNRIFRCLAYDFYPQRISLHWNQASKKLAS</p> <p>EPERGVFPNGNGTYLSWMEVEVPPQNRDPFVCHIEHKGLSQSLSVQWDEKSKV</p> |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                                                             |

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repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name**

[Azgp1 alpha-2-glycoprotein 1, zinc-binding \[ Rattus norvegicus \]](#)

**Official Symbol**

[Azgp1](#)

**Synonyms**

AZGP1; alpha-2-glycoprotein 1, zinc-binding; zinc-alpha-2-glycoprotein; zn-alpha-2-GP; zn-alpha-2-glycoprotein; Zn - alpha2 - glycoprotein; alpha-2-glycoprotein 1, zinc; alpha-2 - glycoprotein 1 zinc; alpha-2 - glycoprotein 1, zinc; ZA2GA; Zna2gp; MGC124966;

**Gene ID**

[25294](#)

**mRNA Refseq**

[NM\\_012826](#)

**Protein Refseq**

[NP\\_036958](#)

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