# Recombinant Human AGR2 protein, GST-tagged

**Cat. No.** AGR2-1522H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human AGR2 protein(17-175 aa), fused with N-terminal GST tag, was expressed in E. coli. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | 17-175 aa |
| **Tag** | N-GST |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **AA Sequence** | YTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLIWTQTYEEALYKSKTSNKPL MIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVPRIMF VDPSLTVRADITGRYSNRLYAYEPADTALLLDNMKKALKLLKTEL |

## GENE INFORMATION

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| **Gene Name** | AGR2 anterior gradient 2 homolog (Xenopus laevis) [ Homo sapiens ] |
| **Official Symbol** | AGR2 |
| **Synonyms** | AGR2; anterior gradient 2 homolog (Xenopus laevis); anterior gradient protein 2 homolog; AG2; HAG 2; PDIA17; protein disulfide isomerase family A; member 17; XAG 2; AG-2; HPC8; anterior gradient homolog 2; secreted cement gland homolog; secreted cement gland protein XAG-2 homolog; protein disulfide isomerase family A, member 17; GOB-4; HAG-2; XAG-2; |
| **Gene ID** | 10551 |
| **mRNA Refseq** | NM_006408 |
| **Protein Refseq** | NP_006399 |
| **MIM** | 606358 |
| **UniProt ID** | O95994 |

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| **SDS-PAGE** |   |

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