

Recombinant Human AGR2 protein, GST-tagged

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

SPECIFICATION

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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.

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AA Sequence YTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLIWTQTYEEALYKSKTSNKPL
 MIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVPRIMF
 VDPSLTVRADITGRYSNRLYAYEPADTALLLDNMKKALKLLKTEL

GENE INFORMATION

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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