

Product Data Sheet

Recombinant Human AGR2 Protein

| Catalog # | Source | Reactivity | Applications |
|---------------------------|---|------------|---------------------|
| CRP1028 | Human cells | Human | E, WB, SDS-PAGE, MS |
| Description | Recombinant Human AGR2 Protein is produced by our mammalian expression system and the target gene encoding Arg21-Leu175 is expressed with a 6His tag at the C-terminus. | | |
| Form | Liquid in a 0.2 μ M filtered solution of 20mM Tris-HCl, 200mM NaCl, 10% Glycerol, pH8.0. | | |
| Gene Symbol | AGR2 | | |
| Alternative Names | AG2; Anterior gradient protein 2 homolog; AG-2; hAG-2; HPC8; Secreted cement gland protein XAG-2 homolog | | |
| Entrez Gene | 10551 (Human) | | |
| SwissProt | O95994 (Human) | | |
| Purity | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. | | |
| Chemical Structure | RDTTVKPGAK KDTKDSRPKL PQTLSRGWGD QLIWTQTYEE ALYKSKTSNK PLMIHHHLDE CPHSQALKKV FAENKEIQKL AEQFVLLNLV YETTDKHLSP DGQYVPRIMF VDPSLTVRAD ITGRYSNRLY AYEPADTALL LDNMKKALKL LKTELVDHHH HHH | | |
| Quality Control | Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test. | | |
| Directions for Use | Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. | | |
| Storage/Stability | Store it at -20°C to -80°C for one year. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

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www.cohesionbio.com

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