

## Anterior Gradient Protein 2 Homolog Mouse Recombinant

<b>Item Number</b>	rAP-2802
<b>Synonyms</b>	Agr2h, Gob-4, HAG-2, mAG-2, XAG-2, AG-2, Protein Gob-4, Secreted cement gland protein XAG-2 homolog.
<b>Description</b>	AGR2 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 180 amino acids (21-175) and having a molecular mass of 20.5kDa. AGR2 is fused to a 25 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O88312
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMKDTTV KSGAKKDPKD SRPKLPQTLS RGWGDQLIWT QTYEEALYRS KTSNRPLMVI HHLDECPHSQ ALKKVFAEHK EIQLAEQFV LLNLVYETTD KHL-SPDGQYV PRIVFVDP SL TVRADITGRY SNRLYAYEPS DTALLYDNMK KALKLLKTEL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The AGR2 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH7.4), 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**