

Anterior Gradient Protein 2 Homolog Recombinant Protein | AGR2 recombinant protein

Recombinant Human Anterior Gradient Protein 2 Homolog

CATALOG #
AAA38524

HOST
E Coli

PRODUCT SYNONYMS

Anterior Gradient Protein 2 Homolog; Recombinant Human Anterior Gradient Protein 2 Homolog; AGR2 Human; Anterior Gradient Protein 2 Homolog Human Recombinant; Anterior gradient protein 2 homolog; Secreted cement gland protein XAG-2 homolog; AG-2; hAG-2; HPC8; AGR2; AG2; GOB-4; HAG-2; XAG-2; AGR2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The protein contains 20mM Tris-HCl pH 8.0, 1mM DTT, 1mM EDTA and 10% Glycerol. Sterile filtered colorless solution.
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMRDT TVKPGAKKDT KDSRPKLPQT LSRGWGDQLI WTQTYEEALY KSKTSNKPLM IIHHLDECPH SQALKKVF AE NKEIQKLA EQ FVLLNLVYET TDKHLSPDGQ YVPRIMFVDP SLTVRADITG RYSNRLYAYE PADTALLLDN MKKALKLLKT EL
Sequence Length	175
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for AGR2 recombinant protein	Description: Anterior Gradient Protein 2 Homolog Human Recombinant fused to His-tag on N-terminal produced in E Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (21-175) & having a molecular mass of 22 kDa. Introduction: AGR2 (Anterior gradient 2 homolog) is the human orthologue of the secreted <i>Xenopus laevis</i> Anterior Gradient protein (XAG-2). This is a small, possibly secreted molecule of yet weakly defined functions that is widely expressed in human tissues. Expression of AGR2 shows a positive correlation with expression of estrogen receptor in breast carcinoma and a negative correlation with expression of EGF receptor.
Product Categories/Family for AGR2 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Anterior Gradient Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453541
NCBI GeneID	10551
NCBI Accession #	NP_006399.1
NCBI GenBank Nucleotide #	NM_006408.3
UniProt Accession #	O95994
Molecular Weight	19,979 Da

NCBI Official Full Name	anterior gradient protein 2 homolog
NCBI Official Synonym Full Names	anterior gradient 2
NCBI Official Symbol	AGR2
NCBI Official Synonym Symbols	AG2; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116
NCBI Protein Information	anterior gradient protein 2 homolog; AG-2; HPC8; anterior gradient homolog 2; epididymis secretory protein Li 116; protein disulfide isomerase family A, member 17; secreted cement gland homolog; secreted cement gland protein XAG-2 homolog
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	AGR2
UniProt Synonym Gene Names	AG2; AG-2; hAG-2
UniProt Entry Name	AGR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/agr2-recombinant-protein-e-coli/38524>