



Recombinant Human Anterior Gradient Protein 2 Homolog Datasheet

Catalog Number: PR27199

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMRDT TVKPGAKKDT KDSRPKLPQT LSRGWGDQLI WTQTYEEALY KSKTSNKPLM IHHLDECPH SQALKKVFAE NKEIQKLAEQ FVLLNLVYET TDKHLSPDGQ YVPRIMFVDP SLTVRADITG RYSNRLYAYE PADTALLLDN MKKALKLLKT EL.

Description/Molecular Mass: AGR2 (Anterior gradient 2 homolog) is the human orthologue of the secreted *Xenopus laevis* 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.

Purity: 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.
Greater than 95.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The protein contains 20mM Tris-HCl pH 8.0, 1mM DTT, 1mM EDTA and 10% Glycerol.

Storage: 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.

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