



Recombinant Human Anterior Gradient Protein 3 Homolog Datasheet

Catalog Number: PR27200

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MGSMAIKKE KRPPQTL SRG WGDDITWVQT YEEGLFYAQK
SKKPLMVIHH LEDCQYSQAL KKVFAQNEEI QEMAQNKFIM LNLMHETTDK NLSPDGQYVP
RIMFVDPSLT VRADIAGRYS NRLYTYEPRD LPLLIENMKK ALRLIQSEL.

Description/Molecular Mass: Anterior gradient protein 3 homolog precursor (AGR3) is a secreted cytoplasmic protein that is involved in metastasis induction and p53 tumor suppressor inhibition. AGR3 may function as molecular marker and potential therapeutic target for hormone-responsive breast tumors.

AGR3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 169 amino acids (22-166 a.a) and having a molecular mass of 19.5kDa.

AGR3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Purity: Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: AGR3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

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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