

## OriGene Technologies, Inc.

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## AR39036PU-N Human AGR3 (22-166, His-tag) - Purified

Alternate names: Anterior gradient protein 3 homolog, BCMP11, HAG-3, HAG3, breast cancer membrane

protein 11

Quantity: 0.1 mg

Concentration: 1.0 mg/ml (determined by Bradford assay)

Background: AGR3, also known as anterior gradient protein 3 homolog precursor, is a secreted

cytoplasmic protein which is involved in metastasis induction and p53 tumour supressor inhibition. It may serve as molecular marker and potential therapeutic

target for hormone-responsive breast tumours.

 Uniprot ID:
 Q8TD06

 NCBI:
 NP 789783

 GeneID:
 155465

 Species:
 Human

Source:

Format: State: Liquid purified protein

F. coli

**Purity: >90%** 

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl,

1mM DTT

Description: Recombinant human AGR3 protein, fused to His-tag at N-terminus, was expressed in

E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMIAIKKE KRPPQTLSRG WGDDITWVQT YEEGLFYAQK SKKPLMVIHH LEDCQYSQAL KKVFAQNEEI QEMAQNKFIM LNLMHETTDK NLSPDGQYVP

RIMFVDPSLT VRADIAGRYS NRLYTYEPRD LPLLIENMKK ALRLIQSEL **Molecular weight:** 19.5 kDa (169aa), confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for

onger.

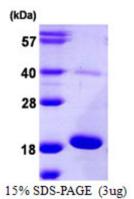
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Fletcher G.C., et al. (2003) Br. J. Cancer. 88:579-585.

Clark H.F., et al. (2003) Arch. Biochem. Genome Res. 13:2265-2270.



**Pictures:** 



Recombinant human AGR3, 22-166aa, His-tagged

