

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 suppressor 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:	E. coli
Format:	State: Liquid purified protein 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: <u>MGSSHHHHHH</u> SSGLVPRGSH MGSMTIAIKKE KRPPQTLRSR WGDDITWVQT YEEGLFYAQK SKKPLMVIHH LEDCQYSQAL KKVFAQNEEI QEMAQNKFIM LNLMHETTDK NLSPDGQYVP RIMFVDPSLT VRADIAGRYS NRLTYEPRD 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 longer. 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

