

Product: AGR 2, human
Catalog #: 01-2102
Amount: 25 µg

DESCRIPTION: 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.

Synonyms: AG2, GOB-4, HAG-2, XAG-2

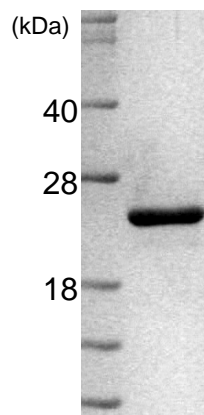
AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK LLRAVILGPP
GSGKGTVSQR IAQNFGLQHL SSGHFLRENI KASTEVGEMA KQYIEKSLLV PDHVITRLMM
SELENRRGQH WLLDGFPRTL GQAEALDKIC EVDLVISLNI PFETLKDRLS RRWIHPPSGR
VYNLDFNPPH VHGIDVTGE PLVQQEDDKP EAVAARLRQY KDVAKPVIEL YKSRGVLHQF
SGTETNKIWP YVYTLFSNKI TPIQSKEAY

SOURCE: Recombinant, His-tagged, E. coli expression system
MOLECULAR WEIGHT: 22 kDa (192 aa)
PURITY: ≥ 95% by SDS PAGE
FORM: Purified, in Phosphate-Buffered Saline (pH 7.4)
CONCENTRATION: 1 mg/ml
STORAGE: -20°C (aliquot), Avoid repeated freeze and thaw cycles

REFERENCE:

F.R.Fritzsche *et al.*, (2007). *Histol Histopathol.* **22**: 703-708
Fletcher GC, Patel S, Tyson K. *et al.*, (2003) *Br J Cancer* **24**:88 (4): 579-585
Liu D, Rudland PS, Sibson DR, *et al.*, (2005) *Cancer Res.* **65**: 3796-3805



15% SDS PAGE

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