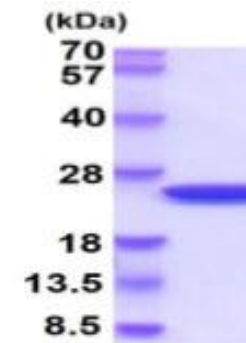


Anterior gradient 2 homolog, human recombinant

CATALOG NO:	P1154-20 20 µg P1154-100 100 µg
ALTERNATE NAMES:	AGR 2, AG2, GOB-4, HAG-2, XAG-2
CONCENTRATION:	1 mg/ml (determined by Bradford assay)
SOURCE:	AGR2 recombinant protein was expressed in <i>E.coli</i> and fused to His-tag at N-terminus (1-191aa), confirmed by MALDI-TOF
PURITY:	> 95% by SDS-PAGE
MOL. WEIGHT:	This protein is fused with 6x His tag at N terminus and the protein has a calculated MW of 21.9 kDa (191 aa)
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT
STORAGE CONDITIONS:	Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid repeated freeze/thaw cycles.
SEQUENCE:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSRD TT VKPGAKKDTK DSRPKLPQTL SRGWGDQLIW TQTYEEALYK SKTSNKPLMI IHHLDECPHS QALKKVFAEN KEIQKLAEQF VLLNLVYETT DKHLSPDGQY VPRIMFVDP LTVRADITGR YSNRLYAYEP ADTALLLDNM KKALKLLKTE L
DESCRIPTION:	AGR2 (Anterior gradient 2 homolog) is the human orthologue of the secreted <i>Xenopus laevis</i> 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. Recombinant human AGR2, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques.



15% SDS-PAGE (3ug)

Human recombinant AGR2

RELATED PRODUCT:

- AGR2 Antibody (Cat. No. A1008-100)
- Amphiregulin, Human Recombinant (Cat. No. 7114-10, -50)
- Human CellExp™ Noggin, Human Recombinant (Cat. No. 6474-10, -50)
- Human Recombinant Alpha-Enolase (Cat. No. 6363-100)
- Human Recombinant Neuron-Specific Enolase (NSE) (Cat. No. 6362-100)

FOR RESEARCH USE ONLY! Not to be used on humans.