

Recombinant Mouse Agr2 protein, His-tagged

Cat. No. Agr2-126M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Agr2(21-175aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	21-175 a.a.
Description	Agr2, also known as anterior gradient protein 2 homolog, is the 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.
Form	Liquid. In Phosphate Buffered Saline (pH7.4) containing 1mM DTT, 10% glycerol
Molecular Mass	20.5 kDa (180aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSCHKDITV KSGAKKDPKD SRPKLPQTLS RGWGDQLIWT QTYEEALYRS KTSNRPLMVI HHLDECPHSQ ALKKVFAEHK EIQLAEQFV LLNLVYETTD KHLSPDGQYV PRIVFVDPSL TVRADITGRY SNRLYAYEPS DTALLYDNMK KALKLLKTEL

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Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm)

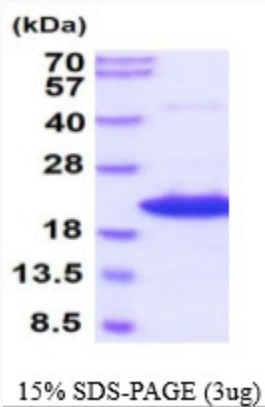
GENE INFORMATION

Gene Name	<i>Agr2</i> anterior gradient 2 (<i>Xenopus laevis</i>) [<i>Mus musculus</i>]
Official Symbol	<i>Agr2</i>
Synonyms	AGR2; anterior gradient 2 (<i>Xenopus laevis</i>); anterior gradient protein 2 homolog; AG-2; protein Gob-4; anterior gradient 2 homolog; secreted cement gland protein XAG-2 homolog; Agr2h; Gob-4; HAG-2; XAG-2; mAG-2;
Gene ID	23795
mRNA Refseq	NM_011783
Protein Refseq	NP_035913
UniProt ID	O88312
Chromosome Location	12; 12 A3
Function	alpha-dystroglycan binding;

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