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 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.
Form	Liquid. In Phosphate Buffered Saline (pH7.4) containing 1mM DTT, 10% glycerol
Molecular Mass	20.5 kDa (180aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMKDTTV KSGAKKDPKD SRPKLPQTLS RGWGDQLIWT QTYEEALYRS KTSNRPLMVI HHLDECPHSQ ALKKVFAEHK EIQKLAEQFV LLNLVYETTD KHLSPDGQYV PRIVFVDPSL TVRADITGRY SNRLYAYEPS DTALLYDNMK KALKLLKTEL

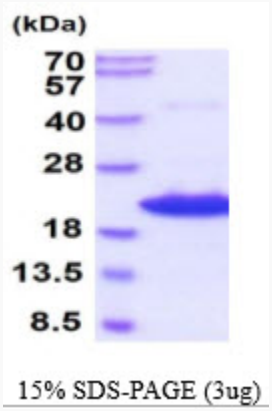
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	Agr2 anterior gradient 2 (Xenopus laevis) [Mus musculus]
Official Symbol	Agr2
Synonyms	AGR2; anterior gradient 2 (Xenopus laevis); 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;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



15% SDS-PAGE (3ug)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA