

## Recombinant Human AGR2, His-tagged

**Cat. No.** AGR2-26141TH **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 21-175 of Human Anterior Gradient 2 with an N terminal His tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	21-175 a.a.
<b>Description</b>	Anterior gradient homolog 2 (AGR2) is a human protein originally discovered in <i>Xenopus laevis</i> , encoded for by the gene of the same name.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Expressed strongly in trachea, lung, stomach, colon, prostate and small intestine. Expressed weakly in pituitary gland, salivary gland, mammary gland, bladder, appendix, ovary, fetal lung, uterus, pancreas, kidney, fetal kidney, testis, placenta, thyroid
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: PBS, pH 7.4

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<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMRDT TVKPGAKKDT KDSRPKLPQT LSRGWGDQLI WTQTYEEALYKSKTSNKPLM IIHHLDECPH SQALKKVFAE NKEIQKLAEQFVLLNLVYET TDKHLSPDGQ YVPRIMFVDP SLTVRADITGRYSNRLYAYE PADTALLLDN MKKALKLLKT EL
<b>Sequence Similarities</b>	Belongs to the AGR family.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	AGR2 anterior gradient 2 homolog (Xenopus laevis) [ Homo sapiens ]
<b>Official Symbol</b>	AGR2
<b>Synonyms</b>	AGR2; anterior gradient 2 homolog (Xenopus laevis); anterior gradient protein 2 homolog; AG2; HAG 2; PDIA17; protein disulfide isomerase family A; member 17; XAG 2;
<b>Gene ID</b>	10551
<b>mRNA Refseq</b>	NM_006408
<b>Protein Refseq</b>	NP_006399
<b>MIM</b>	606358
<b>Uniprot ID</b>	O95994

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<b>Chromosome Location</b>	7p21.3
<b>Function</b>	alpha-dystroglycan binding; protein binding;

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