Recombinant Human AGR2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 21-175 of Human Anterior Gradient 2 with an N terminal His tag.
Species	Human
Source	E.coli
ProteinLength	21-175 a.a.
Description	Anterior gradient homolog 2 (AGR2) is a human protein originally discovered in Xenopus laevis, encoded for by the gene of the same name.
Conjugation	HIS
Tissue specificity	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
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: PBS, pH 7.4

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

GENE INFORMATION

Gene Name	AGR2 anterior gradient 2 homolog (Xenopus laevis) [Homo sapiens]
Official Symbol	AGR2
Synonyms	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;
Gene ID	10551
mRNA Refseq	NM_006408
Protein Refseq	NP_006399
MIM	606358
Uniprot ID	O95994

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Chromosome Location	7p21.3
Function	alpha-dystroglycan binding; protein binding;

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