

AGR 2, 21-175aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01083

3th Edition

Synonyms:Anterior gradient 2 homolog, AG2, GOB-4, HAG-2, XAG-2.

Description:AGR2 (Anterior gradient 2 homolog) is the human 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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 1 mM EDTA, 10% glycerol

Molecular Weight:22 kDa (192 aa), confirmed by MALDI-TOF

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSRDTTVKPGAKKDTKDSRPKLPQTLSRGWGDQLIWT
QTYEEALYKSKTSNKPLMIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVPRIMFVDP
SLTVRADITGRYSNRLYAYEPADTALLLDNMKKALKLLKTEL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.