ELK Biotechnology

Recombinant Human AG-3 (C-6His)

Catalog #	EPT221
Expression Host	Human Cells
DESCRIPTION	Recombinant Human Anterior Gradient Protein 3 Homolog is produced by our Mammalian expression system and the target gene encoding Ile22-Leu166 is expressed with a 6His tag at the C-terminus.
Accession	Q8TD06
Synonyms	Anterior Gradient Protein 3 Homolog; AG-3; AG3; hAG-3; Breast Cancer Membrane Protein 11; AGR3; BCMP11
Mol Mass	18.04 KDa
AP Mol Mass	16 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
FORMULATION	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM EDTA, pH 8.5.

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RECONSTITUTION

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100μg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

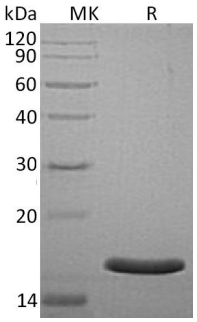
Aliquots of reconstituted samples are stable at < -20° C for 3 months.

BACKGROUND

Anterior Gradient Protein 2(AG-2) and Anterior Gradient Protein 3 (AG-3) are human homologues of genes involved in differentiation, are associated with oestrogen receptor-positive breast tumours and interact with metastasis gene C4.4a and dystroglycan (hAG-3 protein). AG-3 could serve as a prognostic

marker for survival in patients with low grade and high grade serous ovarian carcinomas.

SDS-PAGE



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