



# Recombinant Protein Technical Manual

## Recombinant Human AGR3 Protein (His Tag)

RPES2785

### Product Data:

**Product SKU:** RPES2785

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** Q8TD06

### Protein Information:

**Molecular Mass:** 18.0 kDa

**AP Molecular Mass:** 16 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 2mM EDTA, pH 8.5.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Anterior Gradient Protein 3 Homolog; AG-3; AG3; hAG-3; Breast Cancer Membrane Protein 11; AGR3; BCMP11

## Immunogen Information:

**Sequence:** Ile22-Leu166

## 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.