

# Recombinant Human AGR3 Protein (His Tag)

Catalog Number:PKSH032080



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

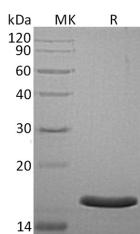
## Description

<b>Synonyms</b>	Anterior Gradient Protein 3 Homolog;AG-3;AG3;hAG-3;Breast Cancer Membrane Protein 11;AGR3;BCMP11
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Ile22-Leu166
<b>Accession</b>	Q8TD06
<b>Calculated Molecular Weight</b>	18.0 kDa
<b>Observed molecular weight</b>	16 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, 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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM Glycine-HCl, 10% Trehalose, 0.05% Tween80, pH3.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer info
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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.

## For Research Use Only

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