Datasheet for ABIN1095975

AGR3 Protein (AA 22-166) (His tag)

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Overview

Quantity:	50 µg
Target:	AGR3
Protein Characteristics:	AA 22-166
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGR3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Anterior Gradient Protein 3 Homolog/AG-3/BCMP11/AGR3 (C-6His)
Sequence:	IAIKKEKRPP QTLSRGWGDD ITWVQTYEEG LFYAQKSKKP LMVIHHLEDC QYSQALKKVF AQNEEIQEMA QNKFIMLNLM HETTDKNLSP DGQYVPRIMF VDPSLTVRAD IAGRYSNRLY TYEPRDLPLL IENMKKALRL IQSELVDHHH HHH
Characteristics:	Recombinant Human Anterior Gradient Protein 3 Homolog/AG-3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Thr22-Leu166) of Human AGR3 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	AGR3
Alternative Name:	AG-3/hAG-3/AGR3 (AGR3 Products)
Sub Type:	Fusionprotein
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. Alternative Names: Anterior Gradient Protein 3 Homolog, AG-3, AG3, hAG-3, Breast Cancer Membrane Protein 11, AGR3, BCMP11
Molecular Weight:	18.04 kDa
UniProt:	Q8TD06

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 2 mM EDTA, pH 8.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	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.
Expiry Date:	3 months