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Datasheet for ABIN7121496 AGR2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	AGR2
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGR2 protein is labelled with His tag.

Product Details

Purpose:	Mouse AGR2 / AG-2 Protein, His Tag (MALS verified)
Sequence:	Lys 21 - Leu 175
Characteristics:	Mouse AGR2, His Tag (AG2-M52H6) is expressed from human 293 cells (HEK293). It contains AA Lys 21 - Leu 175 (Accession # O88312-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	AGR2
Alternative Name:	AGR2 / AG-2 (AGR2 Products)
Background:	Synonyms: Anterior gradient protein 2 homolog,AG-2,hAG-2,HPC8,Secreted cement gland

Target Details

protein XAG-2 homolog,AGR2,

Description: Anterior gradient 2 (AGR2) is a normal endoplasmic reticulum protein that has two important abnormal functions, amphibian limb regeneration and human cancer metastasis promotion. These normal intracellular and abnormal extracellular roles can be attributed to the multidomain structure of AGR2. The NMR structure shows that AGR2 consists of an unstructured N-terminal region followed by a thioredoxin fold.

Molecular Weight: 19.8 kDa

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 19.8 kDa. The protein migrates as 23 kDa and 24 kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, 1 mM TCEP, pH 7.4

Storage: -20 °C

Storage Comment: -20°C
