

Datasheet for ABIN7273813

AGR2 Protein (AA 21-175) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AGR2
Protein Characteristics:	AA 21-175
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGR2 protein is labelled with His tag.

Product Details

Purpose:	Mouse AGR-2 Protein
Sequence:	Lys21-Leu175
Characteristics:	Recombinant Mouse AGR-2 Protein is expressed from E.coli with His tag at the C-Terminus.It contains Lys21-Leu175.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	AGR2
Alternative Name:	AGR-2 (AGR2 Products)

Target Details

Background:	Anterior gradient homolog 2 (AGR2) is a functional protein with critical roles in a diverse range of biological systems, including vertebrate tissue development, inflammatory tissue injury responses, and cancer progression.
Molecular Weight:	18.82 kDa same as Tris-Bis PAGE result.
NCBI Accession:	NP_035913

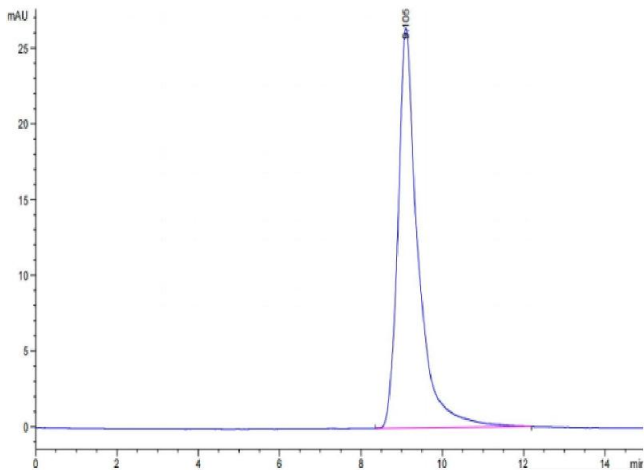
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 50 mM Tris, 300 mM NaCl, 1 mM TCEP (pH 7.5).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse AGR-2 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse AGR-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .