Recombinant Human AGR-2 Protein

Catalog No.: RP03566LQ

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Sequence Information

Species
Human

Gene ID
10551

Swiss Prot
O95994

Tags
C-His

Synonyms
AGR2, AG2, UNQ515/PRO1030, Anterior gradient protein 2 homolog, AG-2, hAG-2, HPC8

Product Information

Source
E. coli

Purification
> 95% as determined by Bis-Tris PAGE, > 95% as determined by HPLC

Calculated MW
18.77 kDa

Observed MW
15-25 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as 0.22μm filtered solution in 50mM Tris, 300mM NaCl, 1mM TCEP (pH 7.5).

Reconstitution

Background

Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells .
Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth. Promotes cell adhesion.

Basic Information

Description
Recombinant Human AGR-2 Protein is produced by *E. coli* Cells system. The target protein is expressed with sequence (Arg21-Leu175) of Human AGR-2 (Accession # NP_006399.1) fused with His tag at the C-Terminus.

Activity
Human EpCAM, hFc Tag captured on CM5 Chip via Protein A can bind Human AGR-2, His Tag with an affinity constant of 6.91 μM as determined in SPR assay.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

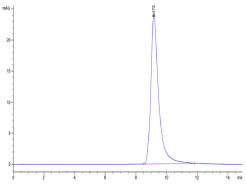
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

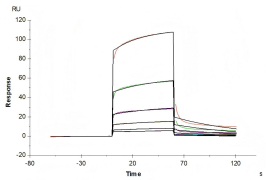
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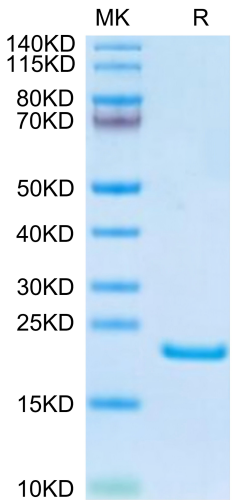
Validation Data



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



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Recombinant Human AGR-2 Protein was determined by Bis-Tris PAGE.