

Recombinant Human AGR-2 Protein

Catalog No.: RP03566LQ

Sequence Information

Species	Gene ID
Human	10551
Swiss Prot	Tags
O95994	C-His

Synonyms

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

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.

Product Information

Source	Purification
< >E. coli</ >	> 95% as determined by Bis-Tris PAGE, > 95% as determined by HPLC

Calculated MW	Observed MW
18.77 kDa	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

Contact

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		cn.market@abclonal.com.cn
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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.

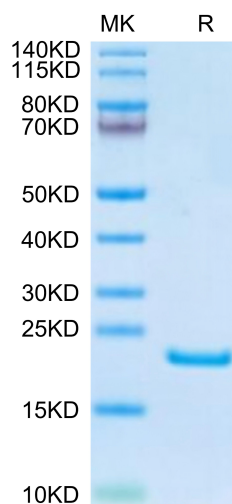
Storage

Store at -80°C

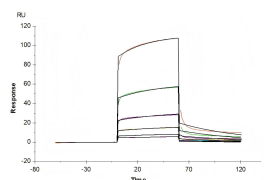
Operational Notes

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

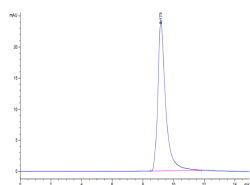
Validation Data



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



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 μ M as determined in SPR assay.



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