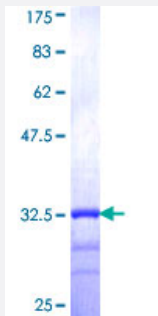


# AGTRAP (Human) Recombinant Protein (Q01)

Catalog # H00057085-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human AGTRAP partial ORF ( NP_065083, 108 a.a. - 159 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | HMYRERGGELLVHTGFLGSSQDRSAYQTIDSAEAPADPFAVPEGRSQDARGS                                                       |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                      |
| <b>Theoretical MW (kDa)</b>    | 31.46                                                                                                      |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                      |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                          |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                   |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                            |
| <b>Note</b>                    | Best use within three months from the date of receipt of this protein.                                     |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — AGTRAP

Entrez GeneID [57085](#)

GeneBank Accession# [NM\\_020350](#)

Protein Accession# [NP\\_065083](#)

Gene Name AGTRAP

Gene Alias ATRAP, MGC29646

Gene Description angiotensin II receptor-associated protein

Omim ID [608729](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a transmembrane protein localized to the plasma membrane and perinuclear vesicular structures. The gene product interacts with the angiotensin II type I receptor and negatively regulates angiotensin II signaling. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations** ATI receptor-associated protein|OTTHUMP00000002269|OTTHUMP00000002270|OTTHUMP0000002271|angiotensin II, type I receptor-associated protein

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)