

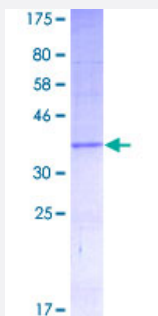
## Full-Length

# EMP1 (Human) Recombinant Protein (P01)

Catalog # H00002012-P01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human EMP1 full-length ORF ( AAH47300, 1 a.a. - 157 a.a.) recombinant protein with GST-tag at N-terminal.                                                           |
| <b>Sequence</b>                | MLVLLAGIFVVHIATVIMLFVSTIANVWLVSNTVDASVGLWKNCTNISCSDSLSYASEDALKTVQAF<br>MILSIIFCVIALLVFVQLFTMEKGNRFFLSGATTLVCWLCILVGVSITSHYANRDGTQYHHGYSYILG<br>WICFCFSFIIGVLYLVLRKK |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                                                                               |
| <b>Theoretical MW (kDa)</b>    | 43.01                                                                                                                                                               |
| <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 — EMP1

|               |                      |
|---------------|----------------------|
| Entrez GeneID | <a href="#">2012</a> |
|---------------|----------------------|

|                     |                          |
|---------------------|--------------------------|
| GeneBank Accession# | <a href="#">BC047300</a> |
|---------------------|--------------------------|

|                    |                          |
|--------------------|--------------------------|
| Protein Accession# | <a href="#">AAH47300</a> |
|--------------------|--------------------------|

|           |      |
|-----------|------|
| Gene Name | EMP1 |
|-----------|------|

|            |                   |
|------------|-------------------|
| Gene Alias | CL-20, EMP-1, TMP |
|------------|-------------------|

|                  |                               |
|------------------|-------------------------------|
| Gene Description | epithelial membrane protein 1 |
|------------------|-------------------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">602333</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|                    |   |
|--------------------|---|
| Other Designations | - |
|--------------------|---|