

## Recombinant Human IDE protein, His-tagged

Cat. No. IDE-117H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IDE protein(P14735)(42-1019 aa), fused with C-terminal His tag, was expressed in Mammalian Cells.                                                          |
| <b>Species</b>          | Human                                                                                                                                                                        |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                              |
| <b>ProteinLength</b>    | 42-1019 aa                                                                                                                                                                   |
| <b>Form</b>             | Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.05% Brij35, 10% Glycerol, pH 7.5.                                                                     |
| <b>Molecular Mass</b>   | 114.25 KDa                                                                                                                                                                   |
| <b>Endotoxin</b>        | < 1 EU/g as determined by LAL test.                                                                                                                                          |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                         |
| <b>Storage</b>          | Store at ≤-70°C. Please minimize freeze-thaw cycles.                                                                                                                         |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 g/µl. Centrifuge the vial at 4°C before opening to recover the entire contents. |

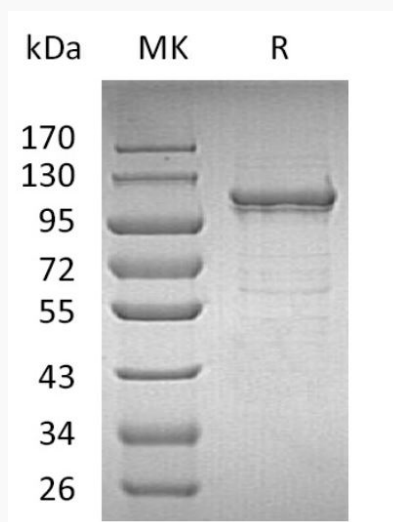
### GENE INFORMATION

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|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IDE insulin-degrading enzyme [ Homo sapiens ]                                                                         |
| <b>Official Symbol</b> | IDE                                                                                                                   |
| <b>Synonyms</b>        | IDE; insulin-degrading enzyme; insulysin; insulinase; insulin protease; Abeta-degrading protease; INSULYSIN; FLJ35968 |
| <b>Gene ID</b>         | 3416                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_001165946                                                                                                          |
| <b>Protein Refseq</b>  | NP_001159418                                                                                                          |
| <b>MIM</b>             | 146680                                                                                                                |
| <b>UniProt ID</b>      | P14735                                                                                                                |

**SDS-PAGE**


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