



# Recombinant Human Indoleamine 2,3-dioxygenase 1 (IDO1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP010996HU  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | P14902  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MAHAMENSWTISKEYHIDEDEVGFALPNPQENLPDFYNDWMFIAKHLPDLIESG<br>QLRERVEKLNMLSIDHLTDHKSQRLARLVLCITMAYVWGKGHGVDVRKVLPR<br>NIAVPYCQLSKKLELPPILVYADCVLANWKKKDPNKPLTYENMDVLFSDRDGD<br>CSKGFLLVLLVEIAAASAIKVIPTVFKAMQMQRDTHLLKALLEIASCLEKALQVF<br>HQIHDHVNPKAFFSVLRIYLSGWKGNPQLSDGLVYEGFWEDPKEFAGGSAGQ<br>SSVFQCFDVLGIIQQTAGGGHAAQFLQDMRRYMPPAHRNFLCSLESNPSVRE<br>FVLSKGDAGLREAYDACVKALVSLRSYHLQIVTKYILIPASQQPKENKTSEDPS<br>KLEAKGTGGTDLMNFLKTVRSTTEKSLLKEG |
| <b>Research Area</b>     | Cardiovascular  |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | IDO1  |
| <b>Protein Names</b>     | Recommended name: Indoleamine 2,3-dioxygenase 1 Short name= IDO-1 EC= 1.13.11.52 Alternative name(s): Indoleamine-pyrrole 2,3-dioxygenase   |
| <b>Expression Region</b> | 1-403aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full length   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                     |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |