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## Product Datasheet

### Recombinant Human IDO-1 Protein, E. coli ABB-RP00023

Article Name	Recombinant Human IDO-1 Protein, E. coli
Biozol Catalog Number	ABB-RP00023
Supplier Catalog Number	RP00023
Alternative Catalog Number	ABB-RP00023-10UG
Manufacturer	ABclonal
Host	E. coli
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Ala2-Gly403
Product Description	Indoleamine 2,3-dioxygenase (IDO) is a heme enzyme that catalyzes the first and rate-limiting step in tryptophan catabolism to N-formyl-kynurenine. This enzyme acts on multiple tryptophan substrates including D-tryptophan, L-tryptophan, 5-hydroxy-try...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	45.19 kDa
NCBI	<a href="#">3620</a>
UniProt	<a href="#">P14902</a>
Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of 50mM Tris, 150mM NaCl, pH 8.0. Contact us for customized product form or formulation.

Target	IDO-1
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 50mM Tris, 150mM NaCl, pH 8.0. Contact us for customized product form or formulation.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Immune Checkpoint