

## Recombinant Mouse IDO1 Protein

Catalog #	Source	Reactivity	Applications
CRP2977	E. coli	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse IDO1 Protein is produced by E.coli expression system and the target gene encoding Met1-Pro407 is expressed with a 6His tag at the N-terminus.		
<b>Form</b>	Liquid in a 0.2 µm filtered solution of 20mM Sodium Acetate, 150mM NaCl and 20% Glycerol, pH4.5.		
<b>Gene Symbol</b>	IDO1		
<b>Alternative Names</b>	IDO; INDO; Indoleamine 2,3-dioxygenase 1; IDO-1; Indoleamine-pyrrole 2,3-dioxygenase		
<b>Entrez Gene</b>	15930 (Mouse)		
<b>SwissProt</b>	P28776 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MNHKVVHHHH HMAISKISPT EGSRRILEDH HIDEVGFAL PHPLVELPDA YSPWVLVARN            LPVLIENGQL REEVEKLPTL STDGLRGHRL QRLAHLALGY ITMAYVWNRG DDDVRKVLPR            NIAVPYCELS EKLGLPPILS YADCVLANWK KKDPNGPMTY ENMDILFSFP GGDCDKGFFL            VSLLVEIAAS PAIKAIPTVS SAVERQDLKA LEKALHDIAT SLEKAKEIFK RMRDFVDPDT            FFHVLRIYLS GWKCSSKLPE GLLYEGVWDT PKMFSGGSAG QSSIFQSLDV LLGIKHEAGK            ESPAFLQEM REYMPPAHRN FLFFLESAPP VREFVISRHN EDLTKAYNEC VNGLVSVRKF            HLAIVDTYIM KPSKKKPTDG DKSEEPSNVE SRGTGGTNPM TFLRSVKDTT EKALLSWP</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Please minimize freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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