

Recombinant Human IDO2 Protein

Catalog #	Source	Reactivity	Applications
CRP2726	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human IDO2 Protein is produced by E.coli expression system and the target gene encoding Met14-Gly420 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of 20mM Tris, 10%Glycerol, 1mM EDTA, 250mM NaCl, pH8.0.		
Gene Symbol	IDO2		
Alternative Names	INDOL1; Indoleamine 2,3-dioxygenase 2; IDO-2; Indoleamine 2,3-dioxygenase-like protein 1; Indoleamine-pyrrole 2,3-dioxygenase-like protein 1		
Entrez Gene	169355 (Human)		
SwissProt	Q6ZQW0 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MEPHRPNVKT AVPLSLESYH ISEEYGFLLP DSLKELPDHY RPWMEIANKL PQLIDAHQLQ AHVDKMPLLS CQFLKGHREQ RLAHLVLSFL TMGYVWQEGE AQPAEVLPRN LALPFVEVSR NLGLPPILVH SDLVLTNWTK KDPDGFLEIG NLETIISFPG GESLHGFILV TALVEKEAVP GIKALVQATN AILQPNQEAL LQALQRLRLS IQDITKTLGQ MHDYVDPDIF YAGIRIFLSG WKDNPAMPAG LMYEGVSQEP LKYSGGSAAQ STVLHAFDEF LGIRHSKESG DFLYRMRDYM PPSHKAFIED IHSAPSLRDY ILSSGQDHLL TAYNQCQVAL AELRSYHITM VTKYLITAAA KAKHGKPNHL PGPPQALKDR GTGGTAVMSF LKSVRDKTLE SILHPRGLEH HHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Please minimize freeze-thaw cycles.		
Storage/Stability	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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