

## Product datasheet for TP506249

### Ido2 (NM\_145949) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse indoleamine 2,3-dioxygenase 2 (Ido2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206249 protein sequence Red=Cloning site Green=Tags(s)

MTLEVPLSLGRYHISEEYGFLLPNPLEALPDHYKPWMEIALRPLHIENRQLRAHVYRMPLLDCRFLKSY  
REQLAHMALAAITMGFWQEGEGQPQKVLPRSLAIPFVEVSRNLGLPPILVHSDLVLTNWTKRNPEGPL  
EISNLETIISFPGGESLRGFILVTVLVEKAAVPLKALVQGMFAIRQHSQDTLLEALQQLRLSIQDITRA  
LAQMHDYVDPDIFYSVIRIFLSGWKDNPAMPVGLVYEGAATEPLKYSGGSSAAQSSVLHAFDEFLGIEHCK  
ESVGFLHRMRDYMPPSHKAFLEDLHVAPSLRDYILASGPGDCLMAYNQVEALGELRSYHINVVARYIIS  
AATRARSRLTNPSPHALEDRGTGGTAMLSFLKSVREKTMEALLCPGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	44.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_666061</a>
Locus ID:	209176
UniProt ID:	<a href="#">Q8R0V5</a>



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<b>RefSeq Size:</b>	3014
<b>Cytogenetics:</b>	8 A2
<b>RefSeq ORF:</b>	1197
<b>Synonyms:</b>	AI265623; C230043N17Rik; Ido-2; Indol1
<b>Summary:</b>	Catalyzes the first and rate-limiting step in the kynurenine pathway of tryptophan catabolism (PubMed:17499941, PubMed:17499941). Involved in immune regulation (PubMed:25477879). [UniProtKB/Swiss-Prot Function]