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Product Datasheet

Recombinant Mouse IDO (N-6His)
EBT-EPT074

Article Name	Recombinant Mouse IDO (N-6His)
Biozol Catalog Number	EBT-EPT074
Supplier Catalog Number	EPT074
Alternative Catalog Number	EBT-EPT074-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Indoleamine 2,3-dioxygenase is produced by our E.coli expression system and the target gene encoding Met1-Pro407 is expressed with a 6His tag at the N-terminus....
Molecular Weight	Molecular weight: 47.1 KDa. Apparent molecular weight: 40-50 KDa, reducing conditions
UniProt	P28776
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test. Background: Indoleamine 2,3-dioxygenase (IDO) is a heme enzyme that initiates the oxidative degradation of the least abundant, essential amino acid, l-tryptophan, along the kynurenine pathway. This protein is normally expressed in the dendritic cells, macrophages, microglia, eosinophils, fibroblasts, endothelial cells, and most tumor cells. IDO activity is associated with immunosuppression and immune attenuation. Several studies showed that IDO can contribute to immune escape when expressed directly in tumor cells or when expressed in immunosuppressive antigen presenting cells such as tolerogenic dendritic cells or tumor associated macrophages. IDO also is a promising therapeutic target for the treatment of cancer, chronic viral infections, and other diseases characterized by pathological immune suppression