# Recombinant Mouse IDO (N-6His)

货号: RB91EPT074

## gui_ge

10ug

## biao_da_su_zhu

E.coli

## biao_qian

N-6His

## fen_zi_liang

47.1 KDa

## biao_guan_fen_zi_liang

40-50 KDa, reducing conditions

## xing_tai

Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 0.01% Tween 80, 1mM EDTA, 50% Glycerol,pH 8.0.

## chun_du

Greater than 95% as determined by reducing SDS-PAGE.

## nei_du_su_shui_ping

Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.

## chu_cun_fang_fa

Store at ≤-70° C, stable for 6 months after receipt.
Store at ≤-70° C, stable for 3 months under sterile conditions after opening.
Please minimize freeze-thaw cycles.

## yun_shu_tiao_jian

The product is shipped on dry ice/polar packs.
Upon receipt, store it immediately at the temperature listed below.

## bei_jing_shuo_ming

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.

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