

Human IDO1 Recombinant Protein



RPPB1844

Product Information Protein Information

Product SKU:

RPPB1844

Accession:

P14902

Host:

Escherichia Coli.

Protein description:

IDO1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 426 amino acids (1-403a.a) and having a molecular mass of 47.7kDa. IDO1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

IDO, IDO-1, INDO, Indoleamine 2,3-dioxygenase 1, Indoleamine-pyrrole 2,3-dioxygenase.

Formulation:

The IDO1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMAMH MEN SWTISKEYHI DEEVGFALPN PQENLPDFYN DWMFIAKHLP
DLIESGQLRE RVEKLNMLSI DHLTDHKSQR LARLVGCIT MAYVWVGKGGH DVRKVLPRNI AVPYCQLSKK
LELPPILVYA DCVLANWKKK DPNKPLTYEN MDVLSFRDG DCSKGFFLVS LLVEIAAASA IKVIPTVFKA
MQMQERDTLL KALLEIASCL EKALQVFHQI HDHVNPKAFF SVLRIYLSGW KGNPQLSDGL VYEGFWEDPK
EFAGGSAGQS SVFQCFDVLV GIQQTAGGGH AAQFLQDMRR YMPPAHRNFL CSLESNPSVR EFVLSKGDAG
LREAYDACVK ALVLSRSYHL QIVTKYILIP ASQQPENKT SEDPSKLEAK GTGGTDL MNF LKTVRSTTEK SLLKEG.