

Human IDO1 protein, His tag (active)

Cat. No. GTX67055-pro

Applications Functional Assay**Species** Human**Package**

20 µg

Applications

Application Note

Specific activity is > 300 pmol/min/µg, and is defined as the amount of enzyme that hydrolyze 1.0 pmole of L-Tryptophan to N-formyl-L-kynurenine per minute at pH 6.5 at 25°C.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

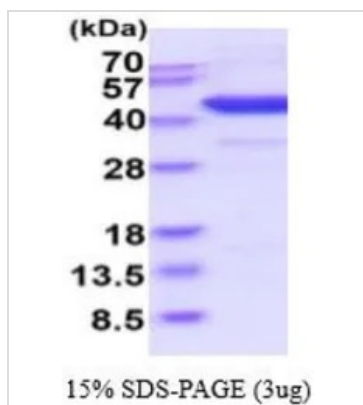
Full length protein, N-terminal His-Tag; Length: 426 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSMAMAHAMEN
SWTISKEYHI DEEVGFALPN PQENLPDFYN DWMFIAKHLP DLIESGQLRE RVEKLNMLSI DHLTDHKSQR LARLVLCIT
MAYVWGKGGH DVRKVLPRNI AVPYCQLSKK LELPPILVYA DCVLNWKKK DPNKPLTYEN MDVLFSEFRDG DCSKGFFLVS
LLVEIAAASA IKVIPTVFKK MQMQERDTLL KALLEIASCL EKALQVFHQI HDHVNPKAFF SVLRIYLSGW KGNPQLSDGL
VYEGFWEDPK EFAGGSAGQS SVFQCFDVLG GIQQTAGGGH AAQFLQDMRR YMPPAHRNFL CSLESNPSVR EFVLSKGDAG
LREAYDACVK ALVSLRSYHL QIVTKYILIP ASQQPKENKT SEDPSKLEAK GTGGTDLNMF LKTVRSTTEK SLLKEG

Expression System E. coli**Purity** > 90% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX67055-pro Image

3 μ g of GTX67055-pro Human IDO1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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