

# Recombinant Human IDO1/IDO Protein (His Tag)

RPES1387

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES1387

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** Subject to label value.

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** 3-dioxygenase, 3-dioxygenase 1, IDO, IDO-1, IDO1, INDO, Indole 2, Indoleamine 2

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-His

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

**Expression Host:** E.coli

**Bio-Activity:** Measured by its ability to oxidize L-tryptophan to N-formyl-kynurenine. The specific activity is 5166. 667 pmol/min/µg pmol/min/µg.

**Calculated MW:** 46.8 kDa

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM Sodium Acetate, 150mM NaCl, 20% Glycerol, pH 4.5.

**Observed MW:** 40-50 kDa

**Reconstitution:** -

**Accession:** P14902

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Source:** E.coli-derived Human IDO1, IDO protein Met 1-Gly403, with an N-terminal His

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Sequence:** Met 1-Gly403

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

**Form:** Liquid