

# Recombinant Human IDO1/IDO Protein

RPES1143

## 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:** RPES1143

**Purity:** > 85 % as determined by reducing SDS-PAGE.

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

**Concentration:** Subject to label value.

**Species:** Human

**Endotoxin:** Please contact us for more information.

**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:** None

**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-formylkynurenine. The specific activity is > 500 pmoles/min/µg.

**Calculated MW:** 45.2 kDa

**Formulation:** Supplied as sterile solution of 50 mM NaAC, 100 mM NaCl, 20 % glycerol, pH 5.5.

**Observed MW:** 46 kDa

**Reconstitution:** -

**Accession:** NP\_002155.1

**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 Ala 2-Gly 403

**Sequence:** Ala2-Gly403

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

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

**Form:** Liquid