

# Recombinant Human HO1 Protein(Trx Tag)

RPES9391

## 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:** RPES9391

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

**Contents:** 100µg, 20µg, 500µg, 1mg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 10 EU/mg of the protein as determined by the LAL method

**Synonyms:** HSP, heme oxygenase, heme oxygenase (decycling), bK286B, HO-1 HMOX, HMOX1, HMOX1D, HO-1, HSP32, bK286B10, 32 kD, D8Wsu38e, heat shock protein 32 kD, heat shock protein 32kD, Hemox, Hmox, HMOX 1, HO 1, HO-1 HMOX1, heme oxygenase (decycling) 1, heme oxygenase 1, heat shock protein, 32-kD, HO, HO1, bK286B10, heme oxygenase 1, HMOX1D, HO-1, HSP32

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-Trx

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 48.7 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Observed MW:** 48 kDa

**Reconstitution:** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

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

**Accession:** P09601

**Source:** E.coli-derived Human HO1 protein Met1-Thr261, with an N-terminal Trx

**Sequence:** Met1-Thr261

**Form:** Lyophilized powder

**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

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