

## Haptoglobin Human Recombinant

<b>Item Number</b>	rAP-3369
<b>Synonyms</b>	Haptoglobin, HP, BP, HPA1S, MGC111141, HP2-ALPHA-2.
<b>Description</b>	Haptoglobin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing (aa. 145-405) fusion protein with His tag and having a total Mw of 33 kDa (4 kDa His-tag).
<b>Uniprot Accession Number</b>	P00738
<b>Amino Acid Sequence</b>	
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Haptoglobin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Haptoglobin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Each mg was lyophilized with 1xPBS, 0.1% SDS and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE and HPLC.
<b>Application</b>	1. Positive control for Western blot 2. Antibody production 3. Protein assay.
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Haptoglobin in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**