

32-13254: Haptoglobin Human, Sf9

Alternative Name : Haptoglobin isoform 2, HP, BP, HP2ALPHA2, HPA1S.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Haptoglobin or HP is encoded by the HP gene in humans. Haptoglobin binds free hemoglobin (which is released from erythrocytes) in the blood plasma, therefore inhibits the Hb oxidative activity. The complex that contains Haptoglobin and hemoglobin will then be eliminated mostly through the spleen.

Haptoglobin produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (19-347 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 338 amino acids and having a molecular mass of 37.7kDa. Haptoglobin shows multiple bands between 40-57kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	Haptoglobin protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	ADLVDSGNDV TDIADDGCPK PPEIAHGYVE HSVRYQCKNY YKLRTEGDGV YTLNNEKQWI NKA VGDKLPE CEAVCGKPKN PANPVQRILG GHLDAGKSFP WQAKMVSHHN LTTGATLINE QWLLTTAKNL FLNHSENATA KDIAPTLTLY VGKKQLVEIE KVVLPNYSQ VDIGLIKQ KVS VNERVMP ICLPSKDYAE VGRVGYVSGW GRNANFKFTD HLKYVMLPVA DQDQCIRHYE GSTVPEKKTP KSPVGVQPIL NEHTFCAGMS KYQEDTCYGD AGSAFAVHDL EEDTWYATGI LSFDKSCAVA EYGVYVKVTS IQDWVQKTIA ENHHHHHH.