

Recombinant Human HP protein

Cat. No. HP-3049H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human HP protein(P00738)(19-406aa) was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 19-406aa |
| Form | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| Molecular Mass | 43.3 kDa |
| AA Sequence | <p>VDSGNDVTDIADDGCPKPPEIAHGYVEHSVRYQCKNYYKLRTEGDGVYTLNDKKQ WINKAVGDKLPECEADDGCPKPPEIAHGYVEHSVRYQCKNYYKLRTEGDGVYTLNN EKQWINKAVGDKLPECEAVCGKPKNPANPVQRILGGHLDAGSFPWQAKMVSHHN LTTGATLINEQWLLTTAKNLFLNHSENATAKDIAPTLTLYVGKKQLVEIEKVVLHPNYS QVDIGLIKQKQKVSVNERVMPICLPSKDYAEVGRVGYVSGWGRNANFKFTDHLKYV MLPVADQDQCIRHYEGSTVPEKKTSPVGVQPILNEHTFCAGMSKYQEDTCYGDA GSFAVHDLLEEDTWYATGILSFDKSCAVAEYGVYVKVTSIQDWVQKTIAEN</p> |
| Purity | Greater than 85% as determined by SDS-PAGE. |

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [HP haptoglobin \[Homo sapiens \]](#)

Official Symbol [HP](#)

Synonyms HP; haptoglobin; zonulin; binding peptide; haptoglobin alpha(1S)-beta; haptoglobin alpha(2FS)-beta; haptoglobin, beta polypeptide; haptoglobin, alpha polypeptide; BP; HPA1S; HP2ALPHA2; MGC111141;

Gene ID [3240](#)

mRNA Refseq [NM_001126102](#)

Protein Refseq [NP_001119574](#)

MIM [140100](#)

UniProt ID [P00738](#)

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