

## Recombinant Human HP protein, His-B2M-tagged

Cat. No. HP-3048H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HP protein(P00738)(19-406aa), fused to N-terminal His tag and B2M tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-406aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	57.3 kDa
<b>AA Sequence</b>	VDSGNDVTDIADDGCPKPPEIAHGYVEHSVRYQCKNYYKLRTEGDGVYTLNDKKQ WINKAVGDKLPECEADDGCPKPPEIAHGYVEHSVRYQCKNYYKLRTEGDGVYTLNN EKQWINKAVGDKLPECEAVCGKPKNPANPVQRILGGHLDAGSFPWQAKMVSHHN LTTGATLINEQWLLTTAKNLFLNHSENATAKDIAPTLTLYVGKKQLVEIEKVVLPNYS QVDIGLIKQKQKVSVNERVMPICLPKDYAEVGRVGYVSGWGRNANFKFTDHLKYV MLPVADQDQCIRHYEGSTVPEKKTSPVGVQPILNEHTFCAGMSKYQEDTCYGDA GSAFAVHDLEEDTWYATGILSFDKSCAVAEYGVYKVTSIQDWWVQKTIAEN
<b>Purity</b>	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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