

Recombinant Human HBP1, GST tagged

Cat. No. HBP1-8638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBP1 mature form (O60381-1) (Pro208-Phe345), fused with the GST tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	208-345 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human HBP1 /GST chimera consists of 372 amino acids and has a predicted molecular mass of 42.5 kDa. It migrates as an approximately 43 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name HBP1 HMG-box transcription factor 1 [Homo sapiens]

Official Symbol HBP1

Gene ID 26959

mRNA Refseq NM_001244262

Protein Refseq NP_001231191

UniProt ID O60381

Chromosome Location 7q22-q31

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