

Recombinant Human BPHL, His tagged

Cat. No. BPHL-8604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BPHL mature form (Q86WA6-1) (Ser38-Gln291), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-291 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 20mM Tris, 50mM NaCl, 10% glycerol, pH 8.0Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human BPHL consists of 268 amino acids and predicts a molecular mass of 30.7 KDa. It migrates as an approximately 31 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 BPHL biphenyl hydrolase-like (serine hydrolase) [Homo sapiens]

Official Symbol BPHL

Gene ID 670

mRNA Refseq NM_004332

Protein Refseq NP_004323

MIM 603156

UniProt ID Q86WA6

Chromosome Location 6p25

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