

Recombinant Human BPHL, His-tagged

Cat. No. BPHL-27669TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human BPHL with N terminal His tag; 275 amino acids with tag, MWt 31.1 kDa.
Species	Human
Source	E.coli
ProteinLength	254 amino acids
Description	This gene encodes a member of the serine protease family of hydrolytic enzymes which contain a serine in their active site. The encoded protein may play a role in activation of the antiviral prodrug valacyclovir. Alternatively spliced transcript variants have been described.
Conjugation	HIS
Molecular Weight	31.100kDa inclusive of tags
Tissue specificity	Expressed at high levels in liver and kidney and lower levels in heart, intestine and skeletal muscle.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMSVTSKAVAVNGVQLHYQQTGEGDHAVLLLPGML GSGETDFGPQLKNLNKKLFTVVAWDPRGYGHSRPPDRDFPADFFERDAKDAVDLM KALKFKKVSLLGWSDGGITALIAAAKYPYIHKMVIWGANAYVTDEDSMIYEGIRDVS KWSERTRKPLEALYGYDYFARTCEKWVDGIRQFKHLPDGNICRHLLPRVQCPALIVH GEKDPLVPRFHADFIHKHVKGSRHLHLMPEGKHNLHLRFADEFNKLAEDFLQ
Sequence Similarities	Belongs to the AB hydrolase superfamily. Lipase family.

GENE INFORMATION

Gene Name	BPHL biphenyl hydrolase-like (serine hydrolase) [Homo sapiens]
Official Symbol	BPHL
Synonyms	BPHL; biphenyl hydrolase-like (serine hydrolase); MCNAA; valacyclovir hydrolase; Bph rp; breast epithelial mucin associated antigen;
Gene ID	670
mRNA Refseq	NM_004332
Protein Refseq	NP_004323
MIM	603156

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Uniprot ID	Q86WA6
Chromosome Location	6p25
Function	hydrolase activity;

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