

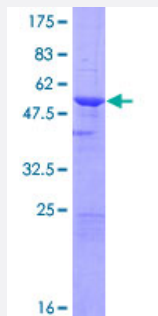
Full-Length

BPHL (Human) Recombinant Protein (P01)

Catalog # H00000670-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BPHL full-length ORF (NP_004323.1, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPRNLLYSLSSHLSPHFSTSVTSKAVAVNGVQLHYQQTGEGDHAVLLLPGMLGSGETDFGPQL
KNLNKKLFTVVAWDPRGYGHSRPPDRDFPADFFERDAKDAVDLMKALKFKKVSLLGWSDGGIT
ALIAAAKYPYIHKMVIWGANAYVTDEDSMIYEGIRDVSKWSERTRKPLEALYGYDYFARTCEKWV
DGIQFKHLPDGNICRHLLPRVQCPALIVHGEKDPLVPRFHADFIHKHVKGSRLHLMPEGKHNLHL
RFADEFNKLAEDFLQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.5

Interspecies Antigen Sequence

Mouse (86); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BPHL

Entrez GeneID[670](#)**GeneBank Accession#**[NM_004332.1](#)**Protein Accession#**[NP_004323.1](#)**Gene Name**

BPHL

Gene Alias

Bph-rp, MCNAA, MGC125930, MGC41865

Gene Description

biphenyl hydrolase-like (serine hydrolase)

Omim ID[603156](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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

Other Designations

OTTHUMP00000015959|biphenyl hydrolase-like|biphenyl hydrolase-like (serine hydrolase; breast epithelial mucin-associated antigen)|breast epithelial mucin-associated antigen|valacyclovirase