Phospholipase A2 Recombinant Protein | Pla2 recombinant protein

Recombinant Apis mellifera Phospholipase A2

CATALOG #	HOST
AAA114582	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Phospholipase A2; Recombinant Apis mellifera Phospholipase A2; Pla2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Specificity	This assay has high sensitivity and excellent specificity for detection of human WNT3A. No significant cross-reactivity or interference between human WNT3A and analogues was observed.
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	34-167. Full length of the mature protein
Sequence	IIYPGTLWCG HGNKSSGPNE LGRFKHTDAC CRTHDMCPDV MSAGESKHGL TNTASHTRLS CDCDDKFYDC LKNSADTISS YFVGKMYFNL IDTKCYKLEH PVTGCGERTE GRCLHYTVDK SKPKVYQWFD LRKY
Sequence Length	167
Samples	Serum, Plasma
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Pla2 recombinant protein	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for WNT3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT3A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WNT3A bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58585172

NCBI GeneID	406141
NCBI Accession #	NP_001011614.1
NCBI GenBank Nucleotide #	NM_001011614.1
UniProt Accession #	P00630; Q8WPH5; A5JGM7
Molecular Weight	19.3 kDa
NCBI Official Full Name	phospholipase A2
NCBI Official Symbol	Pla2
NCBI Official Synonym Symbols	bvPLA2; GB13351
NCBI Protein Information	phospholipase A2
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	**bvPLA2**
UniProt Synonym Gene Names	bvPLA2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/bvpla2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114582