

Phospholipase A2 Receptor 1 (PLA2R1) Recombinant Protein | PLA2R1 recombinant protein

Recombinant Phospholipase A2 Receptor 1 (PLA2R1)

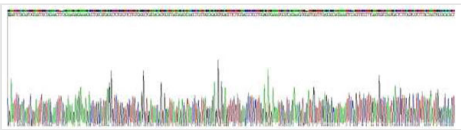
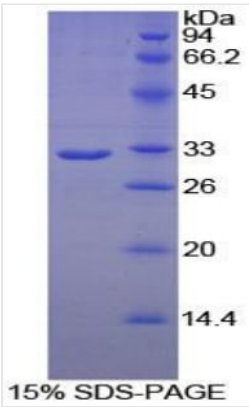
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135580	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Phospholipase A2 Receptor 1 (PLA2R1); Recombinant Phospholipase A2 Receptor 1 (PLA2R1); PLA2R1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PLA2R1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Tyr385–Cys643
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.8
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

YNRNCY KLQKEETIH
EALRSCQADN SALIDITSLA EVEFLVTLTG DENASETHIG LSSNKIPVSF
EWSNDSVIF TNWHTLEPHI FPNRSQLCVS AEQSEGHNVV KNCEERLFYI
CKKAGHVLSQ AESGCGEGHE RHGGFCYKID TVLRSFQDAS SGYYCPALV
TITHRFEQAF ITSLISSVVK NKDSYFWIAL QQQNDTGEYT WRFVGGQPEP
VQYTHNTHQ PRYSGGCVAM RGRHPLGRWE VNRHCRFKAM SLC

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	307548857
NCBI GeneID	22925
NCBI Accession #	NP_001182570.1
NCBI GenBank Nucleotide #	NM_001195641.1
UniProt Accession #	B7ZML4; Q13018
Molecular Weight	Predicted Molecular Mass: 33.6kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	secretory phospholipase A2 receptor isoform 3
NCBI Official Synonym Full Names	phospholipase A2 receptor 1, 180kDa
NCBI Official Symbol	PLA2R1
NCBI Official Synonym Symbols	PLA2R; PLA2-R; PLA2IR; CLEC13C; PLA2G1R
NCBI Protein Information	secretory phospholipase A2 receptor; M-type receptor; C-type lectin domain family 13 member C; 180 kDa secretory phospholipase A2 receptor
UniProt Protein Name	PLA2R1 protein
UniProt Gene Name	PLA2R1
UniProt Entry Name	B7ZML4_HUMAN

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.