

Receptor-type tyrosine-protein phosphatase C Recombinant Protein | PTPRC recombinant protein

Recombinant Human Receptor-type tyrosine-protein phosphatase C

CATALOG # AAA81690	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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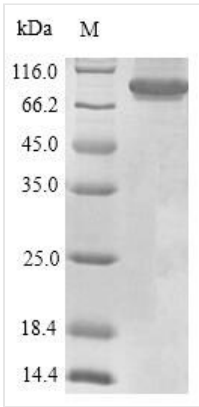
PRODUCT SYNONYMS

Receptor-type tyrosine-protein phosphatase C; Recombinant Human Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; L-CAT200; CD45; PTPRC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
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	24-575aa; Extracellular Domain
Sequence	QSPTPSPTGL TTAKMPSVPL SSDPLPHTT AFSPASTFER ENDFSETTTS LSPDNTSTQV SPDSLNDNASA FNTTGVS SVQ TPHLPHTADS QTPSAGTDTQ TFSGSAANAK LNPTPGSNAI SDVPGERSTA STFPTDPVSP LTTTSLAAH SSAALPARTS NTTITANTSD AYLNASETTT LSPSGSAVIS TTTIATTPSK PTCDEKYANI TVDYLYNKET KLFTAKLVN ENVECGNNTC TNNEVHNLT CKNASVSISH NSCTAPDKTL ILDVPPGVEK FQLHDCTQVE KADTTICLKW KNIETFTCDT QNITYRFQCG NMIFDNKEIK LENLEPEHEY KCDSEILYNN HKFTNASKII KTDGSPGEP QIIFCRSEAA HQGVITWNPP QRSFHNFTLC YIKETEKDCL NLDKNLIKDY LQNLKP YTKY VLSLHAYIIA KVQRNGSAAM CHFTTKSAPP SQVWNMTVSM TSDNSMHVKC RPPDRNGPH ERYHLEVEAG NTLVRNESHK NCDFRVKDLQ YSTDYTFKAY FHNGDYPGEP FILHHSTSYN SK
Sequence Length	575
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PTPRC recombinant protein	Protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4. The first PTPase domain has enzymatic activity, while the second one ses to affect the substrate specificity of the first one. Upon T-cell activation, recruits and dephosphorylates SKAP1 and FYN. Dephosphorylates LYN, and thereby modulates LYN activity.
Product Categories/Family for PTPRC recombinant protein	Immunology

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	392307007
NCBI GeneID	5788
NCBI Accession #	NP_002829.3

NCBI GenBank Nucleotide #	NM_002838.4
UniProt Accession #	P08575 ; Q16614 ; Q9H0Y6 ; A8K7W6
Molecular Weight	62.8 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase C isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type C
NCBI Official Symbol	PTPRC
NCBI Official Synonym Symbols	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
NCBI Protein Information	receptor-type tyrosine-protein phosphatase C
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	PTPRC
UniProt Synonym Gene Names	CD45; L-CA
UniProt Entry Name	PTPRC_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.

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