

Protein Tyrosine Phosphatase Receptor Type C Human Recombinant

Item Number	rAP-1559
Synonyms	LCA, LY5, B220, CD45, T200, GP180, Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, PTPRC.
Description	PTPRC Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 257 amino acids (1031-1251a.a) and having a molecular mass of 29.6kDa. PTPRC is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P08575
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSVMIA AQGPLKETIG DFWQMIFQRK VKVIVMLTEL KHGDQEICAQ YWGEGKQTYG DIEVDLKDTD KSSTYTLRVF ELRHSKRKDS RTVYQYQYTN WSVEQLPAEP KELISMIQVV KQKLPQKNSS EGNKHHKSTP LLIHCRDGSQ QTGIFCALLN LLESAETEEV VDIFQVVKAL RKARPGMVST FEQYQFLYDV IASTYPAQNG QVKKNNHQED KIEFDNE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PTPRC solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**