

Lymphocyte Antigen 9 Human Recombinant

Item Number	rAP-3546
Synonyms	Lymphocyte Antigen 9, Signaling Lymphocytic Activation Molecule 3, Cell Surface Molecule Ly-9, SLAM Family Member 3, SLAMF3, CD229 Antigen, CD229, Hly9, MLY9, LY9.
Description	LY9 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 416 amino acids (48-454 aa) and having a molecular mass of 45.9kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).LY9 is expressed with a 6 amino acid His tag at C-Terminus and
Uniprot Accession Number	Q9HBG7
Amino Acid Sequence	ADLKDSAPTV VSGILGGSVT LPLNISVDTE IENVIWIGPK NALAFARPKE NVTIMVKSYL GRDITKWSY SLCISNLTNL DAGSYKAQIN QRNFEVTTEE EFTLFVYEQL QEPQVTMKS V KSVENFSCNI TLM-CSVKGAE KSVLYSWTPR EPHASESNGG SILTVSRTPC DPDLPICTA QNPVSQRSSL PVHVGQFCTD PGASRGGTTG ETVVGVLGEP VTLPLALPAC RDTEKVVWLF NTSISKERE EAATADPLIK SRDPYK-NRWV VSSQDCSLKI SQLKIEDAGP YHAYVCSEAS SVTSMTHVTL LIYRRLRKPK ITWSLRHSED GICRISLTCS VEDGGNTVMY TWTPLQKEAV VSQGESHLNV SWRSENHPN LTCTASNPVS RSSHQFL-
Source	Sf9, Baculovirus cells.
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	LY9 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% 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**