

Protein G Recombinant

Item Number	rAP-4610
Synonyms	
Description	Recombinant streptococcal protein G lacking the albumin binding region thereby avoiding undesirable reactions with albumin, though the Fc binding domain is still present. The recombinant Protein G is produced in Escherichia coli using sequence from Streptococcus C1-C2-C3. The Protein G contains 200 amino acids
Uniprot Accession Number	
Amino Acid Sequence	LPKTDTYKLILNGKTLKGETTTEAVDAATAEKVFKQYANDNGVDGEWYDDAT KTFTVTEKPEVIDASELT-PAVTTYKLVINGKTLKGETTTEAVDAATAEKVFK QYANDNGVDGEWYDDATKTFTVTEKPEVIDASELT-PAVTTYKLVINGKTL KGETTTKAVDAETA EKAFKQYANDNGVDGVVWYDDATKTFTVTE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Recombinant Protein G although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Protein G should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized white powder containing no additives. >96% as determined by SDS-PAGE and RP-HPLC.
Application	
Solubility	Reconstitution with deionized water or PBS.
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**