

Protein A/G Recombinant

Item Number	rAP-4611
Synonyms	
Description	The recombinant Protein A/G consists of 7 IgG-binding domains EDABC-C1C3, which corresponds to the Protein A and G domains that are included in the recombinant sequence. Cell wall binding region, cell membrane binding region and albumin binding region have been removed from the recombinant Protein A/G
Uniprot Accession Number	
Amino Acid Sequence	NAAQHDEAQQ NAFYQVLNMP NLNADQRNGF IQSLKDDPSQ SANVLGEAQK LNDSQAPKAD AQQNNFNKDQ QSAFYEILNM PNLNEAQRNG FIQSLKDDPS QSTNVLGEAK KLNESQAPKA DNNFNKEQQN AFYEILNMPN LNEEQRNGFI QSLKDDPSQS ANLLSEAKKL NESQAPKADN KFNKEQQNAF YEILHLPNLN EEQRNGFIQS LKDDPSQSAN LLAEAKKLND AQAPKADNKF NKEQQNAFYE ILHLPNLTEE QRNGFIQSLK DDPSVSKEIL AEAKKLND AQAPKADNKF NGKTLKGETT TEAVDAATAE KVFKQYANDN GVDGEWYDD ATKTFVTTEK PEVIDASELT
Source	Escherichia coli.
Physical Appearance and Stability	After reconstitution, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Formulation and Purity	Lyophilized white Powder containing no additives. >97% as determined by SDS-PAGE and RP-HPLC.
Application	The recombinant Protein A/G is ideal for purification of polyclonal or monoclonal IgG antibodies. Protein A/G binds to various human, mouse and rat IgG subclasses (e.g., human IgG1, IgG2, IgG3, IgG4; mouse IgG2a, IgG2b, IgG3; rat IgG2a, IgG2c). It also bi
Solubility	It is recommended to reconstitute the lyophilized Protein-A/G in sterile 18M-cm H2O not less than 0.1mg/ml, which can then be further diluted to other aqueous solutions.
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**