

Protein A/G Recombinant Protein



RPPB4302

Product Information Protein Information

Product SKU:

RPPB4302

Host:

Escherichia coli.

Protein 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 to ensure the maximum specific IgG binding. The Protein A portion is from Staphylococcus aureus segments E, D, A, B and C. The Protein G portion is from Streptococcus segments C1 and C3. The fusion protein has a predicted molecular mass of 47.7kDa and containing 429 amino acids.

Formulation:

Lyophilized white Powder containing no additives.

Purity:

>97% as determined by SDS-PAGE and RP-HPLC.

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.

Stability:

After reconstitution, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Amino Acid Sequence:

NAAQHDEAAQQ NAFYQVLNMP NLNADQRNGF IQSLKDDPSQ SANVLGEAQK LNDSQAPKAD
AQQNNFNKDDQ QSAFYEILNM PNLNEAQRNG FIQSLKDDPS QSTNVLGEAK KLNESQAPKA DNNFNKEQQN
AFYEILNMPN LNEEQRNGFI QSLKDDPSQS ANLLSEAKKL NESQAPKADN KFNKEQQNAF YEILHLPNLN
EEQRNGFIQS LKDDPSQSAN LLAEAKKLND AQAPKADNKF NKEQQNAFYE ILHLPNLTEE QRNGFIQSLK
DDPSVSKEIL AEAKKLNDAAQ APKEEDSLEG SGSPTYKLIL NGKTLKGETT TEAVDAATAE KVKQYANDN
GVDGEWYDD ATKFTVTEK PEVIDASELT PAVTTYKLVI NGKTLKGETT TKAVDAETA E KAFKQYANDN
GVDGVWYDD ATKFTVTE.