

DATASHEET
Version 20181206**Purified Protein A****Cat. No.:** Z02201-500**Size:** 500.0 mg**Synonyms:** Purified Protein A;**Description:**

Purified protein A is a highly stable cell surface receptor produced by several strains of *Staphylococcus aureus*. With a molecular weight of 35,000 Da, it is made up of a single polypeptide chain containing five Ig-binding regions. Purified protein A is ideal for purification of polyclonal or monoclonal IgG antibodies. Purified protein A binds to most human and mouse IgG subclasses (e.g. human IgG1, IgG2, IgG4; mouse IgG1, IgG2a, IgG2b, IgG3). It also binds to total IgG from cow, guinea pig, hamster, horse, pig, and rabbit. Protein A has little affinity to

chicken IgY.

Source: *E. coli***Molecular Weight:** 35,000 Da**Formulation:** Lyophilized from 1X PBS**Purity:** This product is highly purified, SDS-PAGE and HPLC analyses revealed its purity of more than 95%.**Storage:** Store the lyophilized powder at 4°C for several weeks, for long-term storage, store it at -20°C.